

Converting Colors

XYZ(75.1584, 79.3650, 85.7927)

Have a look what the booklet for
XYZ(75.1584, 79.3650, 85.7927)
contains.

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Color

**XYZ(75.3519, 79.6320,
85.5278)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E7E5
RGB	230, 231, 229
RGB Percent	90%, 91%, 90%
CMY	0.0980, 0.0941, 0.1020
CMYK	0.00, 0.00, 0.01, 0.09
HSL	90°, 4%, 90%
HSV	90°, 1%, 91%
XYZ	75.3519, 79.6320, 85.5278
YIQ	230.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

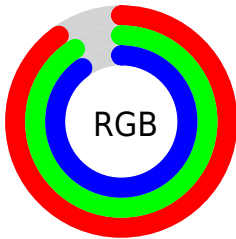
Format	Color
R _Y B	229, 231, 230
Decimal	15132645
CIE Lab	91.52, -0.69, 0.84
CIE LCh	92, 1.087, 129.154
Yxy	79.6320, 0.3133, 0.3311
Android (android.graphics.Color)	4293322725 (0xFFE6E7E5)
YUV	230.4730, -0.7262, -0.4148
Hunter-Lab	89.2368, -5.4382, 5.6400

Details

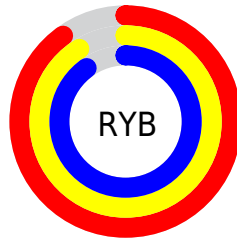
The XYZ color **75.3519, 79.6320, 85.5278** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.0794, 78.6333, 86.8261**, and the grayscale version is **75.5713, 79.5069, 86.5830**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6491, 42.8299, 46.1690** is the 20% darker color. If you saturate the color by 10%, you get **68.7470, 76.5775, 69.4871**, and if you desaturate by 10%, it is **82.6373, 82.9922, 103.8441**.

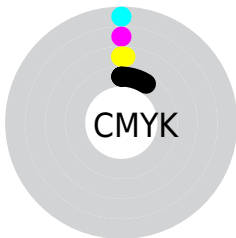
Distribution



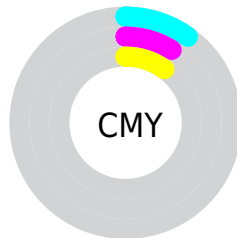
- Red (90%)
- Green (91%)
- Blue (90%)



- Red (90%)
- Yellow (91%)
- Blue (90%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3519, 79.6320, 85.5278 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.3519, 79.6320, 85.5278 by changing the saturation by 10% instead.

■ 75.3519, 79.6320,
85.5278

■ 75.3519, 79.6320,
85.5278

468.1048,
493.6918, 533.5630

■ 56.1964, 59.4156,
63.7249

125.7956,
132.8482, 142.9911

■ 40.5980, 42.9477,
45.9832

157.8146,
166.6168, 179.4885

■ 28.1914, 29.8441,
31.8840

194.8520,
205.6716, 221.7213

■ 18.6112, 19.7203,
21.0088

237.2734,
250.3969, 270.1078

■ 11.4920, 12.1919,
12.9391

285.4440,
301.1772, 325.0667

■ 6.4685, 6.8745,
7.2564

339.7292,

■ 3.1753, 3.3837,

358.3968, 387.0165

3.5421

400.4943,
422.4402, 456.3758

■ 1.2472, 1.3352,
1.3777

■ 0.1431, 0.1682,
0.1242

■ 75.3519, 79.6320,
85.5278

■ 75.3519, 79.6320,
85.5278

■ 68.7470, 76.5775,
69.4871

■ 82.6373, 82.9922,
103.8441

■ 62.7942, 73.8094,
55.6280

■ 87.1912, 85.2863,
106.4742

■ 57.4730, 71.3212,
43.8575

■ 87.8675, 85.6350,
106.5058

■ 52.7592, 69.1028,
34.0740

■ 48.6265, 67.1430,
26.1675

■ 45.0468, 65.4300,
20.0170

■ 41.9887, 63.9507,
15.4878

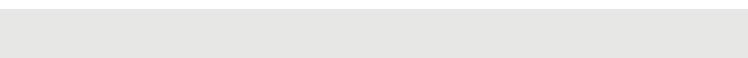
■ 39.4173, 62.6902,
12.4253

■ 37.2914, 61.6314,
10.6448

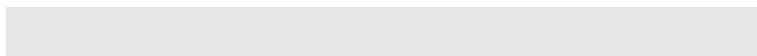
Harmonies

Analogous

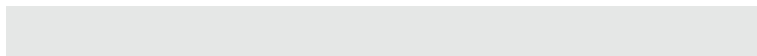
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6031, 79.6320, 85.2079



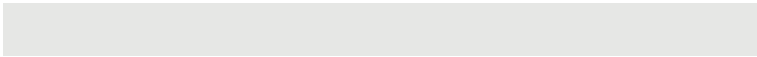
75.3519, 79.6320, 85.5278



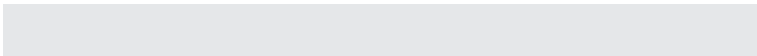
75.1910, 79.6320, 86.1638

Triad

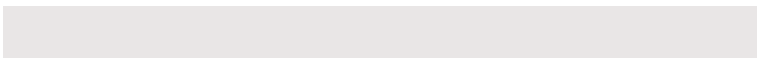
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3519, 79.6320, 85.5278



75.4984, 79.6320, 88.1396



76.2151, 79.6320, 86.4632

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.3519, 79.6320, 85.5278



75.0794, 78.6333, 86.8261

Split Complementary

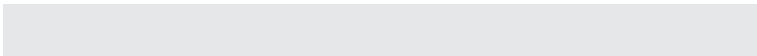
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1869, 79.6320, 87.2499



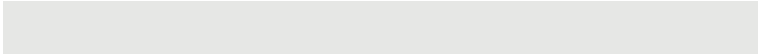
75.3519, 79.6320, 85.5278



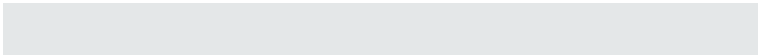
75.7726, 79.6320, 88.2210

Square

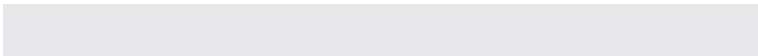
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



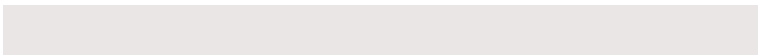
75.3519, 79.6320, 85.5278



75.2754, 79.6320, 87.6728



76.0248, 79.6320, 87.8944



76.1017, 79.6320, 85.7458

Rectangle

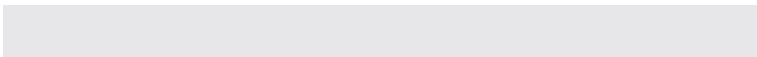
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



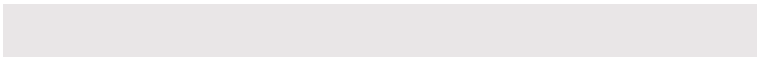
75.3519, 79.6320, 85.5278



75.1563, 79.6320, 86.6832



76.0248, 79.6320, 87.8944



76.2218, 79.6320, 86.7282

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.3541, 79.6354, 85.5295

95.0500, 100.0000, 108.9000



75.3977, 79.2427, 85.4514



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

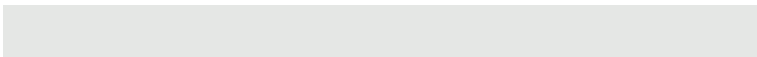
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3541, 79.6354, 85.5295



94.1736, 99.5953, 106.7301



75.0342, 79.4705, 85.5146



16.0792, 16.9996, 18.2350



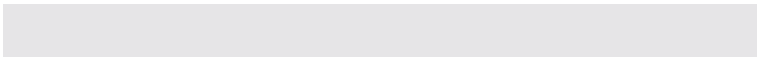
20.1450, 34.1666, 5.5331



1.5958, 2.5800, 0.4139

Inverse Universe

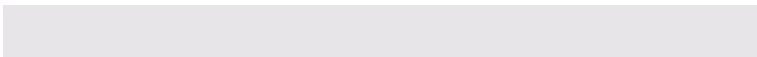
The Inverse Universe completely reimagines the original color for something new.



75.0794, 78.6333, 86.8261



93.7754, 98.1433, 108.6088



75.4012, 78.7992, 86.8412



16.0153, 16.7665, 18.5365



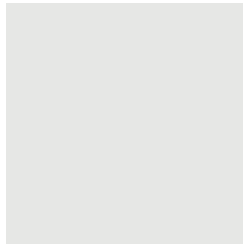
12.2490, 5.3805, 42.7761



1.0123, 0.4528, 3.1660

Previews

White Background



This preview shows how the XYZ color 75.3519, 79.6320, 85.5278 looks on a white background.

Color Contrast Check

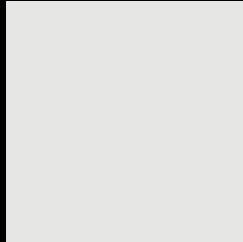
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.3519, 79.6320, 85.5278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

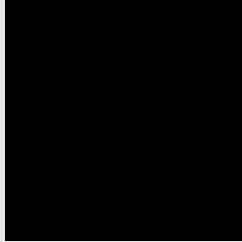
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

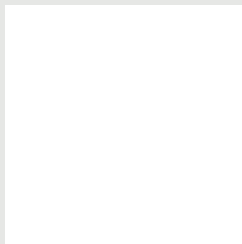
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3519, 79.6320, 85.5278

Background



This preview shows how black text looks on a background with the XYZ color 75.3519, 79.6320, 85.5278.



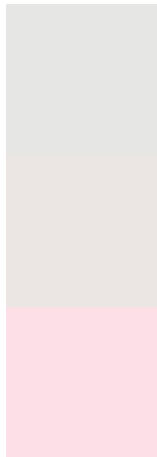
This preview shows how white text looks on a background with the XYZ color 75.3519, 79.6320,

85.5278.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.3519, 79.6320, 85.5278

Protanopia

76.2839, 79.3022, 84.6851

Deuteranopia

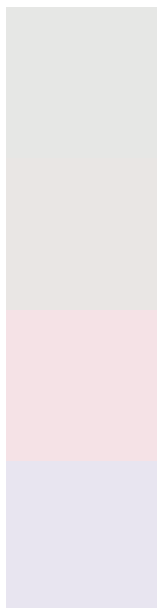
81.3195, 79.4275, 86.6464



Tritanopia

77.9822, 79.4643, 98.4168

Trichromacy



Original Color

75.3519, 79.6320, 85.5278

Protanomaly

75.9047, 79.5187, 84.7468

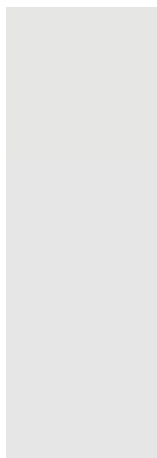
Deuteranomaly

79.1355, 79.5184, 86.0406

Tritanomaly

77.0262, 79.4857, 93.7206

Monochromacy



Original Color

75.3519, 79.6320, 85.5278

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.2129, 79.1298, 86.1723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3519, 79.6320, 85.5278 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(230, 231, 229) looks like.

```
.text, #text, p{  
    color:rgb(230, 231, 229)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(230, 231, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 231, 229) }
```

Border

The CSS property to change the border of an element to XYZ 75.3519, 79.6320, 85.5278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 231, 229) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(230, 231, 229) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(230, 231, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 231, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 231, 229);  
box-shadow:4px 4px 4px 4px rgb(230, 231,  
229) }
```


Background

The CSS property to change the background color of an element to XYZ 75.3519, 79.6320, 85.5278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 231, 229) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(230,  
231, 229) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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