

Converting Colors

XYZ(75.5656, 78.9261, 77.7034)

Have a look what the booklet for
XYZ(75.5656, 78.9261, 77.7034)
contains.

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Color

**XYZ(75.5993, 79.1051,
77.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE5DA
RGB	237, 229, 218
RGB Percent	93%, 90%, 85%
CMY	0.0706, 0.1019, 0.1451
CMYK	0.00, 0.03, 0.08, 0.07
HSL	35°, 35%, 89%
HSV	35°, 8%, 93%
XYZ	75.5993, 79.1051, 77.6140
YIQ	230.1380, 8.2990, -1.7250

Conversions

Conversions Part 2

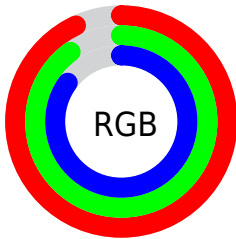
Format	Color
R _Y B	232, 237, 218
Decimal	15590874
CIE Lab	91.28, 0.84, 6.31
CIE LCh	91, 6.366, 82.385
Yxy	79.1051, 0.3254, 0.3405
Android (android.graphics.Color)	4293780954 (0xFFE5DA)
YUV	230.1380, -5.9840, 6.0180
Hunter-Lab	88.9410, -3.9230, 10.5196

Details

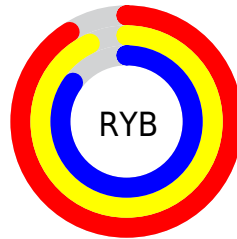
The XYZ color **75.5993, 79.1051, 77.6140** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.3959, 75.4115, 90.9147**, and the grayscale version is **75.3564, 79.2808, 86.3368**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8030, 42.7402, 40.7495** is the 20% darker color. If you saturate the color by 10%, you get **70.0368, 72.5930, 61.5372**, and if you desaturate by 10%, it is **81.7682, 86.1186, 96.0827**.

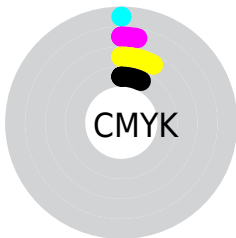
Distribution



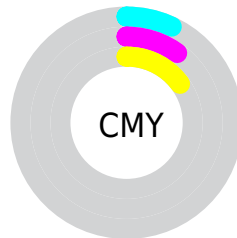
- Red (93%)
- Green (90%)
- Blue (85%)



- Red (91%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5993, 79.1051, 77.6140 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 75.5993, 79.1051, 77.6140 by changing the saturation by 10% instead.

■ 75.5993, 79.1051,
77.6140

■ 75.5993, 79.1051,
77.6140

468.9404,
491.9118, 506.3481

■ 56.3999, 58.9822,
57.2424

126.1437,
132.1068, 131.7868

■ 40.7619, 42.5988,
40.7892

158.2194,
165.7544, 166.4250

■ 28.3199, 29.5705,
27.8360

195.3180,
204.6791, 206.6558

■ 18.7086, 19.5128,
17.9641

237.8047,
249.2652, 252.8978

■ 11.5627, 12.0414,
10.7550

286.0449,
299.8971, 305.5695

■ 6.5167, 6.7719,
5.7903

340.4041,

■ 3.2054, 3.3198,

356.9593, 365.0894

2.6513

401.2475,
420.8360, 431.8761

■ 1.2633, 1.3009,
0.9187

■ 0.1555, 0.1419,
0.0000

■ 75.5993, 79.1051,
77.6140

■ 75.5993, 79.1051,
77.6140

■ 70.0368, 72.5930,
61.5372

■ 81.7682, 86.1186,
96.0827

■ 65.0530, 66.5593,
47.7478

■ 86.8367, 92.9472,
107.9716

■ 60.6270, 60.9939,
36.1408

■ 88.7355, 96.7448,
108.6045

■ 56.7346, 55.8826,
26.6012

■ 53.3492, 51.2103,
19.0031

■ 50.4414, 46.9604,
13.2070

■ 47.9783, 43.1150,
9.0540

■ 45.9215, 39.6536,
6.3575

■ 44.2189, 36.5503,
4.8593

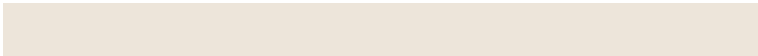
Harmonies

Analogous

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



77.0984, 79.1051, 79.2773



75.5993, 79.1051, 77.6140



74.0106, 79.1051, 78.1674

Triad

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



75.5993, 79.1051, 77.6140



72.3520, 79.1051, 89.5636



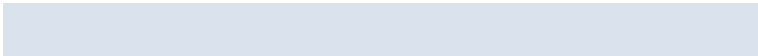
77.6739, 79.1051, 91.6752

Complementary

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



75.5993, 79.1051, 77.6140



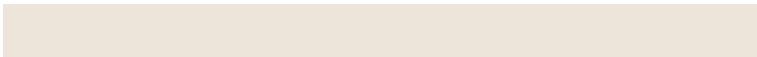
71.3959, 75.4115, 90.9147

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.



76.3759, 79.1051, 94.6201



75.5993, 79.1051, 77.6140



73.3075, 79.1051, 93.3708

Square

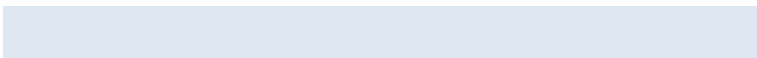
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5993, 79.1051, 77.6140



72.1508, 79.1051, 84.9588



74.7763, 79.1051, 95.2515



78.3073, 79.1051, 87.3160

Rectangle

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



75.5993, 79.1051, 77.6140



73.1130, 79.1051, 79.7284



74.7763, 79.1051, 95.2515



77.2999, 79.1051, 92.8697

Sweetspot

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



75.6015, 79.1086, 77.6157



93.5588, 98.3141, 104.4057



73.7571, 73.6523, 82.4495



20.0411, 21.0610, 22.3942



0.0000, 0.0000, 0.0000



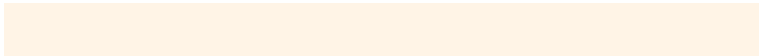
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6015, 79.1086, 77.6157



87.8844, 91.8084, 87.5841



77.4437, 83.4187, 78.3505



15.7901, 16.5032, 15.8719



24.1049, 19.9041, 2.5714



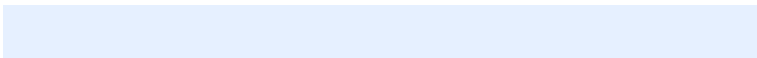
1.9876, 1.7526, 0.2335

Inverse Universe

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



71.3959, 75.4115, 90.9147



81.7511, 86.4168, 106.9791



69.6523, 71.3599, 90.2245



14.7522, 15.5908, 19.1540



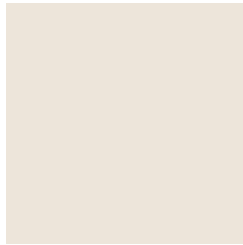
10.9433, 8.5336, 44.8133



0.9526, 0.8566, 3.5500

Previews

White Background



This preview shows how the XYZ color 75.5993, 79.1051, 77.6140 looks on a white background.

Color Contrast Check

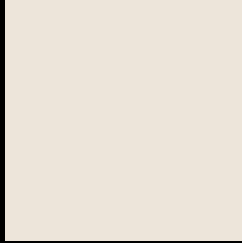
Large Text (above 18pt) WCAG AA × Fail

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 75.5993, 79.1051, 77.6140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

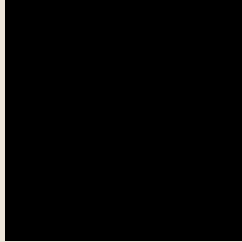
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

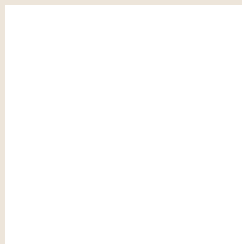
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5993, 79.1051, 77.6140

Background



This preview shows how black text looks on a background with the XYZ color 75.5993, 79.1051, 77.6140.

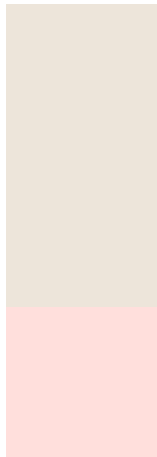


This preview shows how white text looks on a background with the XYZ color 75.5993, 79.1051,

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

75.5993, 79.1051, 77.6140

Protanopia

75.5993, 79.1051, 77.6140

Deuteranopia

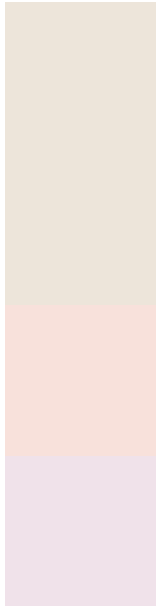
80.5459, 79.2027, 78.7526



Tritanopia

79.3785, 79.0223, 95.8631

Trichromacy



Original Color

75.5993, 79.1051, 77.6140

Protanomaly

75.5993, 79.1051, 77.6140

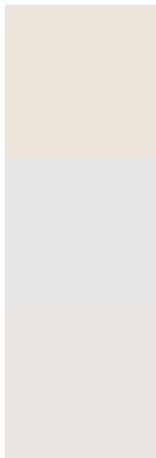
Deuteranomaly

78.4228, 78.9214, 78.1179

Tritanomaly

77.9828, 78.8585, 88.9530

Monochromacy



Original Color

75.5993, 79.1051, 77.6140

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.6286, 79.4083, 83.2928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5993, 79.1051, 77.6140 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(237, 229, 218) looks like.

```
.text, #text, p{  
    color:rgb(237, 229, 218)  
}
```

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(237, 229, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 229, 218) }
```

Border

The CSS property to change the border of an element to XYZ 75.5993, 79.1051, 77.6140 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(237, 229, 218) }
```


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

```
.border{ border-color:rgb(237, 229, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 229, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 229, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 229, 218);  
box-shadow:4px 4px 4px 4px rgb(237, 229,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5993, 79.1051, 77.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 229, 218) }
```

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

```
.background{ background-color: rgb(237,  
229, 218) }
```

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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