

Converting Colors

XYZ(75.2655, 76.9188, 94.8792)

Have a look what the booklet for
XYZ(75.2655, 76.9188, 94.8792)
contains.

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Color

**XYZ(75.2653, 76.9192,
94.8844)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E1F2
RGB	229, 225, 242
RGB Percent	90%, 88%, 95%
CMY	0.1020, 0.1176, 0.0510
CMYK	0.05, 0.07, 0.00, 0.05
HSL	254°, 40%, 92%
HSV	254°, 7%, 95%
XYZ	75.2653, 76.9192, 94.8844
YIQ	228.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

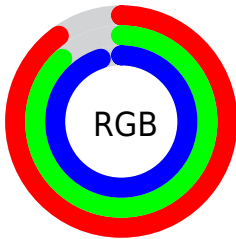
Format	Color
R _Y B	229, 225, 242
Decimal	15065586
CIE Lab	90.28, 4.46, -7.78
CIE LCh	90, 8.971, 299.809
Yxy	76.9192, 0.3046, 0.3113
Android (android.graphics.Color)	4293255666 (0xFFE5E1F2)
YUV	228.1340, 6.8359, 0.7595
Hunter-Lab	87.7036, -0.2965, -2.7519

Details

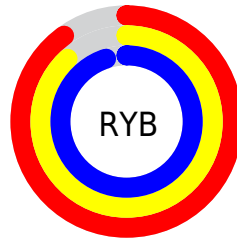
The XYZ color **75.2653, 76.9192, 94.8844** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.6055, 87.1197, 83.8053**, and the grayscale version is **73.7959, 77.6390, 84.5489**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6932, 41.2933, 52.2800** is the 20% darker color. If you saturate the color by 10%, you get **63.5872, 61.8674, 92.5958**, and if you desaturate by 10%, it is **88.5048, 94.1566, 97.5149**.

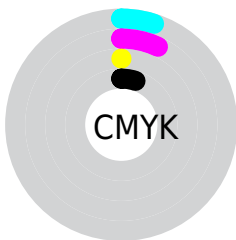
Distribution



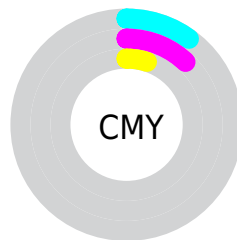
- Red (90%)
- Green (88%)
- Blue (95%)



- Red (90%)
- Yellow (88%)
- Blue (95%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (10%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2653, 76.9192, 94.8844 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 75.2653, 76.9192, 94.8844 by changing the saturation by 10% instead.

■ 75.2653, 76.9192,
94.8844

■ 75.2653, 76.9192,
94.8844

467.8121,
484.4885, 564.7697

■ 56.1252, 57.1866,
71.4424

125.6737,
129.0254, 156.0991

■ 40.5407, 41.1550,
52.2193

157.6728,
162.1678, 194.7089

■ 28.1465, 28.4403,
36.7964

194.6889,
200.5489, 239.2117

■ 18.5771, 18.6578,
24.7554

237.0873,
244.5530, 290.0260

■ 11.4673, 11.4233,
15.6775

285.2335,
294.5647, 347.5705

■ 6.4517, 6.3523,
9.1444

339.4928,

■ 3.1649, 3.0605,

350.9682, 412.2635

4.7374

400.2305,
414.1480, 484.5238

■ 1.2415, 1.1634,
2.0380

■ 0.1388, 0.0315,
0.5785

■ 75.2653, 76.9192,
94.8844

■ 75.2653, 76.9192,
94.8844

■ 63.5872, 61.8674,
92.5958

■ 88.5048, 94.1566,
97.5149

■ 53.4053, 48.9035,
90.6302

■ 93.0272, 99.1909,
98.2483

■ 44.6596, 37.9372,
88.9744

■ 37.2836, 28.8676,
87.6125

■ 31.2052, 21.5847,
86.5272

■ 26.3452, 15.9672,
85.6990

■ 22.6155, 11.8782,
85.1063

■ 19.9147, 9.1581,
84.7237

■ 18.1182, 7.6049,
84.5185

Harmonies

Analogous

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



73.0951, 76.9192, 96.6641



75.2653, 76.9192, 94.8844



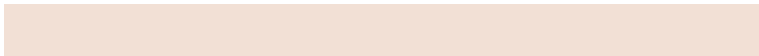
76.8849, 76.9192, 90.0910

Triad

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



75.2653, 76.9192, 94.8844



75.2905, 76.9192, 73.5637



68.8981, 76.9192, 83.7110

Complementary

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



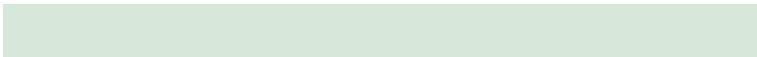
75.2653, 76.9192, 94.8844



80.6055, 87.1197, 83.8053

Split Complementary

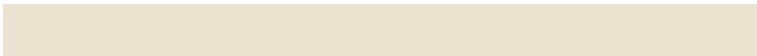
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.4596, 76.9192, 77.7175



75.2653, 76.9192, 94.8844



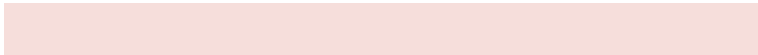
73.1237, 76.9192, 72.0441

Square

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



75.2653, 76.9192, 94.8844



76.8997, 76.9192, 77.7849



70.9951, 76.9192, 73.5262



69.4458, 76.9192, 90.0166

Rectangle

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



75.2653, 76.9192, 94.8844



77.4185, 76.9192, 85.9470



70.9951, 76.9192, 73.5262



68.9632, 76.9192, 81.5945

Sweetspot

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



75.2675, 76.9225, 94.8861



92.0240, 96.0567, 108.2984



77.6651, 83.5892, 96.0465



19.7286, 20.6014, 23.1866



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.



75.2675, 76.9225, 94.8861



83.3747, 84.8278, 106.5868



78.0358, 78.3496, 95.0156



15.2451, 15.4081, 19.8922



9.6133, 3.9613, 45.3858



0.8851, 0.3735, 3.7797

Inverse Universe

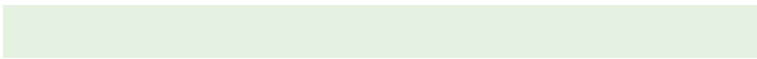
The Inverse Universe completely reimagines the original color for something new.



78.9784, 78.9041, 91.9601



88.1211, 87.3627, 102.8277



77.8288, 85.6883, 83.6754



16.2860, 15.9641, 19.0624



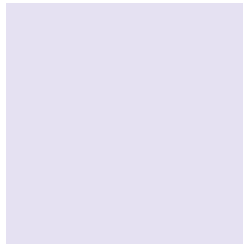
24.4367, 12.0471, 26.0140



2.0708, 1.0174, 2.3639

Previews

White Background



This preview shows how the XYZ color 75.2653, 76.9192, 94.8844 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 75.2653, 76.9192, 94.8844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

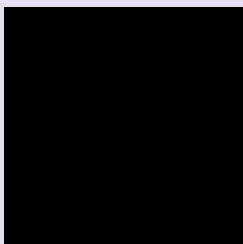
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2653, 76.9192, 94.8844

Background



This preview shows how black text looks on a background with the XYZ color 75.2653, 76.9192, 94.8844.

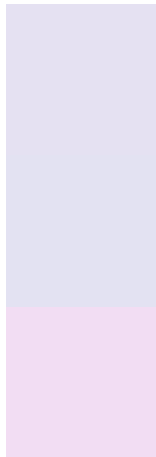


This preview shows how white text looks on a background with the XYZ color 75.2653, 76.9192,

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

75.2653, 76.9192, 94.8844

Protanopia

74.9019, 77.1344, 94.9451

Deuteranopia

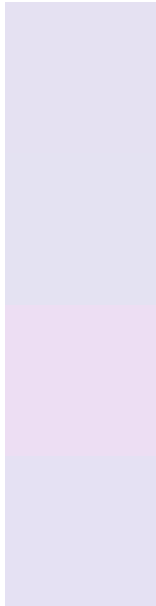
78.6521, 77.0612, 95.5229



Tritanopia

75.4160, 76.9795, 95.6777

Trichromacy



Original Color

75.2653, 76.9192, 94.8844

Protanomaly

75.2183, 77.2975, 94.9599

Deuteranomaly

77.2240, 76.7181, 95.5320

Tritanomaly

75.4160, 76.9795, 95.6777

Monochromacy



Original Color

75.2653, 76.9192, 94.8844

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.1720, 77.3153, 88.1049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2653, 76.9192, 94.8844 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(229, 225, 242) looks like.

```
.text, #text, p{  
    color:rgb(229, 225, 242)  
}
```

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(229, 225, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 225, 242) }
```

Border

The CSS property to change the border of an element to XYZ 75.2653, 76.9192, 94.8844 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(229, 225, 242) }
```


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

```
.border{ border-color:rgb(229, 225, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 225, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 225, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 225, 242);  
box-shadow:4px 4px 4px 4px rgb(229, 225,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2653, 76.9192, 94.8844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 225, 242) }
```

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

```
.background{ background-color: rgb(229,  
225, 242) }
```

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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