

Converting Colors

XYZ(75.4653, 76.0724, 90.5331)

Have a look what the booklet for
XYZ(75.4653, 76.0724, 90.5331)
contains.

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Color

**XYZ(75.3390, 75.8494,
90.7904)**

Conversions

Conversions Part 1

Format	Color
Hex	EADEED
RGB	234, 222, 237
RGB Percent	92%, 87%, 93%
CMY	0.0823, 0.1294, 0.0706
CMYK	0.01, 0.06, 0.00, 0.07
HSL	288°, 29%, 90%
HSV	288°, 6%, 93%
XYZ	75.3390, 75.8494, 90.7904
YIQ	227.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

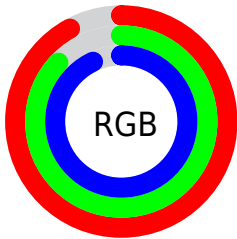
Format	Color
R_YB	234, 222, 237
Decimal	15392493
CIE Lab	89.79, 6.74, -5.85
CIE LCh	90, 8.928, 319.064
Yxy	75.8494, 0.3113, 0.3135
Android (android.graphics.Color)	4293582573 (0xFFEADEED)
YUV	227.2980, 4.7831, 5.8777
Hunter-Lab	87.0916, 2.0021, -0.8440

Details

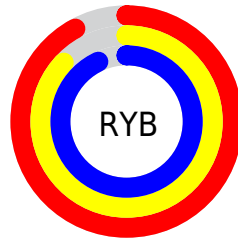
The XYZ color **75.3390, 75.8494, 90.7904** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5232, 81.8519, 80.9823**, and the grayscale version is **73.1975, 77.0094, 83.8633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5193, 40.4386, 49.3859** is the 20% darker color. If you saturate the color by 10%, you get **67.9464, 63.3433, 88.7672**, and if you desaturate by 10%, it is **83.6624, 90.1531, 93.1137**.

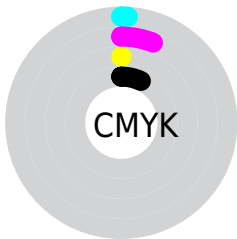
Distribution



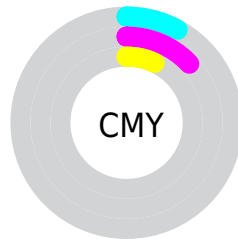
- Red (92%)
- Green (87%)
- Blue (93%)



- Red (92%)
- Yellow (87%)
- Blue (93%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (8%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3390, 75.8494, 90.7904 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 75.3390, 75.8494, 90.7904 by changing the saturation by 10% instead.

75.3390, 75.8494,
90.7904

75.3390, 75.8494,
90.7904

468.0612,
480.8320, 551.2350

56.1858, 56.3090,
68.0590

125.7775,
127.5140, 150.3809

40.5895, 40.4507,
49.4787

157.7934,
160.4070, 188.0771

28.1847, 27.8902,
34.6311

194.8277,
198.5197, 231.5986

18.6061, 18.2429,
23.0976

237.2457,
242.2365, 281.3639

11.4883, 11.1245,
14.4596

285.4126,
291.9417, 337.7917

6.4660, 6.1506,
8.2986

339.6940,

3.1738, 2.9369,

348.0197, 401.3005

4.1961

400.4550,
410.8551, 472.3087

■ 1.2463, 1.0989,
1.7335

■ 0.1425, 0.0000,
0.3836

■ 75.3390, 75.8494,
90.7904

■ 75.3390, 75.8494,
90.7904

■ 67.9464, 63.3433,
88.7672

■ 83.6624, 90.1531,
93.1137

■ 61.4411, 52.5513,
87.0271

■ 88.1757, 96.7755,
94.1541

■ 55.7855, 43.3981,
85.5584

■ 89.8377, 97.6322,
94.2319

■ 50.9371, 35.7988,
84.3471

■ 91.5422, 98.5109,
94.3117

■ 46.8493, 29.6607,
83.3778

■ 92.2863, 98.8945,
94.3465

■ 43.4705, 24.8813,
82.6333

■ 40.7425, 21.3445,
82.0945

■ 38.5972, 18.9147,
81.7385

■ 36.9496, 17.4226,
81.5374

Harmonies

Analogous

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



73.4845, 75.8494, 94.5874



75.3390, 75.8494, 90.7904



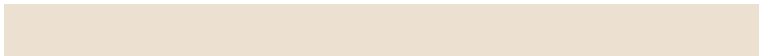
76.3305, 75.8494, 84.9091

Triad

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



75.3390, 75.8494, 90.7904



72.8989, 75.8494, 71.2433



68.1640, 75.8494, 86.6118

Complementary

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



75.3390, 75.8494, 90.7904



74.5232, 81.8519, 80.9823

Split Complementary

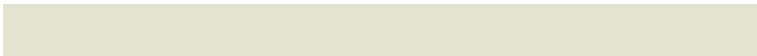
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.0145, 75.8494, 80.3078



75.3390, 75.8494, 90.7904



70.7183, 75.8494, 71.6473

Square

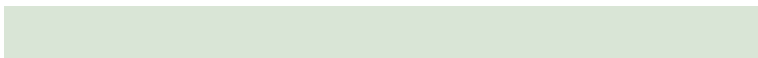
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3390, 75.8494, 90.7904



74.9027, 75.8494, 73.7603



68.9408, 75.8494, 74.8934



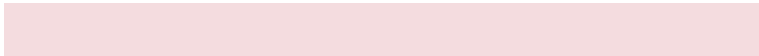
69.3536, 75.8494, 92.0914

Rectangle

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



75.3390, 75.8494, 90.7904



76.3555, 75.8494, 80.6912



68.9408, 75.8494, 74.8934



67.9914, 75.8494, 84.5124

Sweetspot

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



75.3412, 75.8527, 90.7921



93.0702, 96.5961, 108.3473



72.4063, 75.6332, 90.9044



19.9416, 20.7112, 23.1966



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.



75.3412, 75.8527, 90.7921



87.3984, 86.9020, 106.7751



75.7210, 76.1193, 87.6072



15.4025, 15.1528, 19.0352



19.9928, 9.3426, 44.4925



1.6448, 0.7722, 3.4972

Inverse Universe

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



74.6397, 75.6868, 81.9132



86.3668, 86.6610, 93.5898



74.1729, 81.6047, 83.9766



15.1887, 15.1033, 16.2788



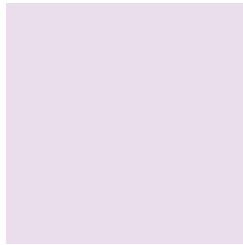
19.3896, 9.9585, 2.5870



1.5560, 0.7954, 0.3795

Previews

White Background



This preview shows how the XYZ color 75.3390, 75.8494, 90.7904 looks on a white background.

Color Contrast Check

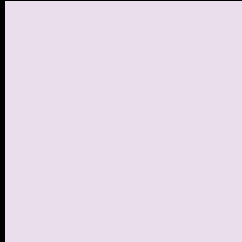
Large Text (above 18pt) WCAG AA × Fail

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 75.3390, 75.8494, 90.7904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

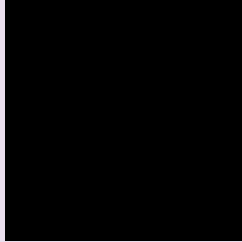
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

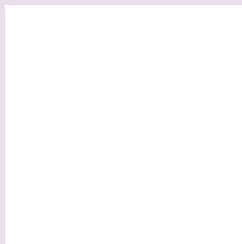
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3390, 75.8494, 90.7904

Background



This preview shows how black text looks on a background with the XYZ color 75.3390, 75.8494, 90.7904.



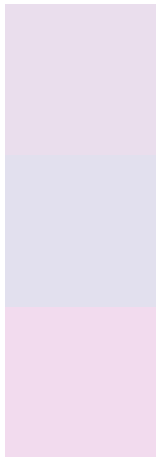
This preview shows how white text looks on a background with the XYZ color 75.3390, 75.8494,

90.7904.

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

75.3390, 75.8494, 90.7904

Protanopia

73.4523, 75.6531, 91.6201

Deuteranopia

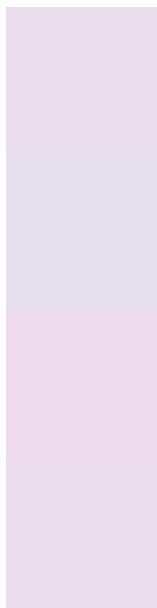
77.3821, 75.7133, 91.4246



Tritanopia

75.6329, 75.9670, 92.3382

Trichromacy



Original Color

75.3390, 75.8494, 90.7904

Protanomaly

74.1334, 75.6064, 91.5752

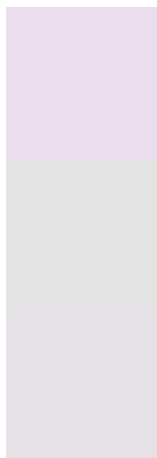
Deuteranomaly

76.6224, 75.7102, 91.4640

Tritanomaly

75.4856, 75.9080, 91.5621

Monochromacy



Original Color

75.3390, 75.8494, 90.7904

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.9821, 76.4429, 86.4570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3390, 75.8494, 90.7904 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(234, 222, 237) looks like.

```
.text, #text, p{  
    color:rgb(234, 222, 237)  
}
```

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(234, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 222, 237) }
```

Border

The CSS property to change the border of an element to XYZ 75.3390, 75.8494, 90.7904 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(234, 222, 237) }
```


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

```
.border{ border-color:rgb(234, 222, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 222, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(234, 222,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3390, 75.8494, 90.7904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 222, 237) }
```

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

```
.background{ background-color: rgb(234,  
222, 237) }
```

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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