

Converting Colors

XYZ(70.2094, 71.9596, 76.5386)

Have a look what the booklet for
XYZ(70.2094, 71.9596, 76.5386)
contains.

XYZ(70.3594, 72.0278, 76.5241)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.3594, 72.0278,
76.5241)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DADA
RGB	230, 218, 218
RGB Percent	90%, 85%, 85%
CMY	0.0980, 0.1451, 0.1451
CMYK	0.00, 0.05, 0.05, 0.10
HSL	0°, 19%, 88%
HSV	0°, 5%, 90%
XYZ	70.3594, 72.0278, 76.5241
YIQ	221.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

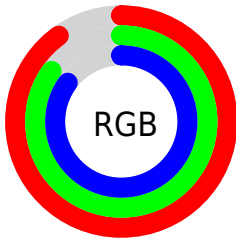
Format	Color
RYB	230, 218, 218
Decimal	15129306
CIELab	87.98, 4.11, 1.46
CIELCh	88, 4.359, 19.585
Yxy	72.0278, 0.3214, 0.3290
Android (android.graphics.Color)	4293319386 (0xFFE6DADA)
YUV	221.5880, -1.7689, 7.3773
Hunter-Lab	84.8692, -0.5386, 5.9484

Details

The XYZ color **70.3594, 72.0278, 76.5241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4930, 77.2109, 85.9988**, and the grayscale version is **69.1509, 72.7521, 79.2271**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1636, 37.8374, 39.9949** is the 20% darker color. If you saturate the color by 10%, you get **62.0021, 59.7996, 59.9052**, and if you desaturate by 10%, it is **79.9656, 86.0835, 95.6215**.

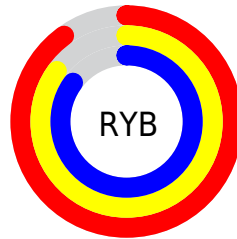
Distribution



Red (90%)

Green (85%)

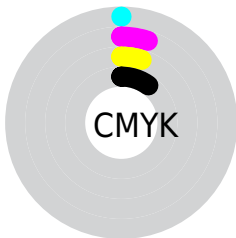
Blue (85%)



Red (90%)

Yellow (85%)

Blue (85%)

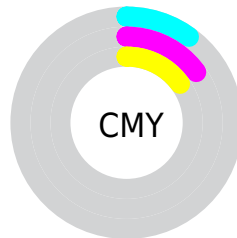


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (10%)



Cyan (10%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3594, 72.0278, 76.5241 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 70.3594, 72.0278, 76.5241 by changing the saturation by 10% instead.

70.3594, 72.0278,
76.5241

70.3594, 72.0278,
76.5241

451.0577,
467.6384, 502.5344

52.1002, 53.1814,
56.3531

118.7446,
122.0961, 130.2343

37.3096, 37.9476,
40.0802

149.6014,
154.0867, 164.6107

25.6220, 25.9420,
27.2868

185.3881,
191.2275, 204.5593

16.6723, 16.7803,
17.5544

226.4700,
233.9029, 250.4987

10.0950, 10.0780,
10.4644

273.2126,
282.4973, 302.8473

5.5247, 5.4507,
5.5984

325.9812,

2.5962, 2.5140,

337.3951, 362.0238

2.5376

385.1411,
398.9806, 428.4466

■ 0.9440, 0.8837,
0.8600

■ 0.0000, 0.0000,
0.0000

■ 70.3594, 72.0278,
76.5241

■ 70.3594, 72.0278,
76.5241

■ 62.0021, 59.7996,
59.9052

■ 79.9656, 86.0835,
95.6215

■ 54.8365, 49.3148,
45.6589

■ 86.4435, 95.5632,
108.4972

■ 48.8104, 40.4971,
33.6784

■ 43.8650, 33.2606,
23.8470

■ 39.9363, 27.5117,
16.0377

■ 36.9539, 23.1473,
10.1098

■ 34.8381, 20.0507,
5.9050

■ 33.4962, 18.0866,
3.2390

■ 32.8144, 17.0884,
1.8855

Harmonies

Analogous

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



70.4436, 72.0278, 79.4647



70.3594, 72.0278, 76.5241



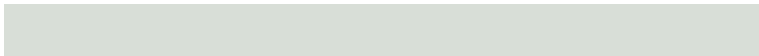
69.7634, 72.0278, 74.1508

Triad

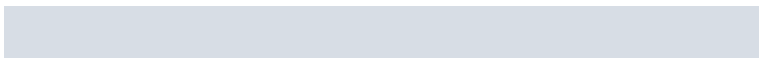
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3594, 72.0278, 76.5241



66.9507, 72.0278, 74.7755



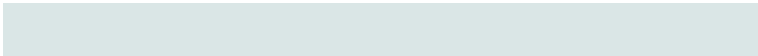
68.0998, 72.0278, 84.1878

Complementary

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



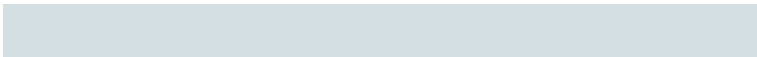
70.3594, 72.0278, 76.5241



71.4930, 77.2109, 85.9988

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.



67.1735, 72.0278, 82.8625



70.3594, 72.0278, 76.5241



66.5145, 72.0278, 77.3965

Square

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



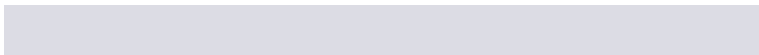
70.3594, 72.0278, 76.5241



67.7929, 72.0278, 73.1591



66.5956, 72.0278, 80.3592



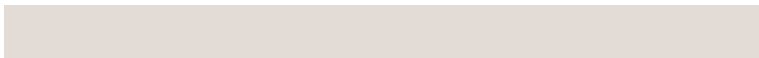
69.1320, 72.0278, 83.9399

Rectangle

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



70.3594, 72.0278, 76.5241



69.1594, 72.0278, 73.1861



66.5956, 72.0278, 80.3592



67.7659, 72.0278, 83.9102

Sweetspot

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



70.3614, 72.0309, 76.5257



92.6347, 96.4660, 104.0977



71.9884, 72.6800, 85.0981



19.8529, 20.6847, 22.3315



0.0000, 0.0000, 0.0000



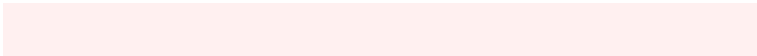
20.3446, 21.4041, 23.3091

Same Dimension

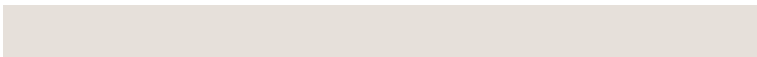
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.3614, 72.0309, 76.5257



87.9970, 89.6802, 94.8767



71.9446, 75.1972, 77.0534



14.9050, 15.1407, 15.9690



18.4757, 9.5255, 0.8648



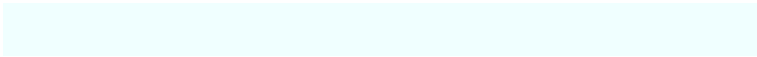
1.3654, 0.7042, 0.0640

Inverse Universe

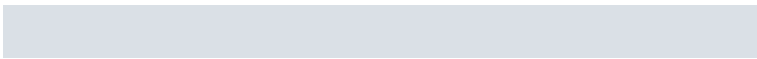
The Inverse Universe completely reimagines the original color for something new.



71.4930, 77.2109, 85.9988



89.6418, 97.2095, 108.6464



69.8530, 73.9309, 85.4521



15.2116, 16.5443, 18.5360



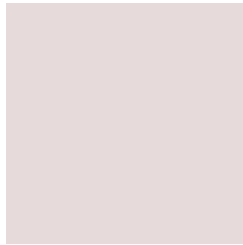
24.0942, 35.2504, 47.9173



1.7806, 2.6052, 3.5410

Previews

White Background



This preview shows how the XYZ color 70.3594, 72.0278, 76.5241 looks on a white background.

Color Contrast Check

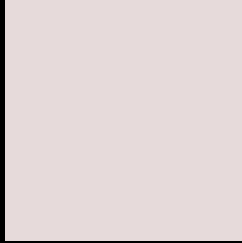
Large Text (above 18pt) WCAG AA × Fail

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 70.3594, 72.0278, 76.5241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

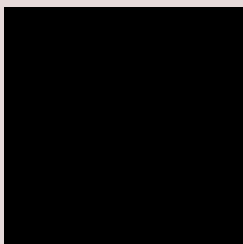
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

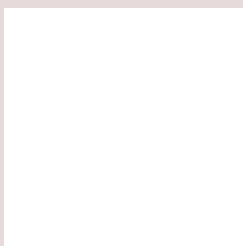
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3594, 72.0278, 76.5241

Background



This preview shows how black text looks on a background with the XYZ color 70.3594, 72.0278, 76.5241.

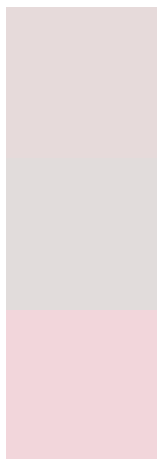


This preview shows how white text looks on a background with the XYZ color 70.3594, 72.0278,

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

70.3594, 72.0278, 76.5241

Protanopia

69.4307, 72.3084, 77.3154

Deuteranopia

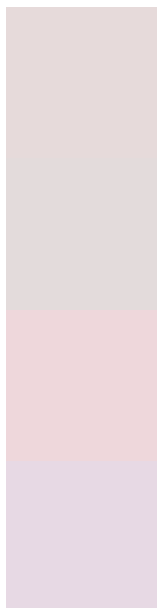
73.4507, 72.0849, 77.0603



Tritanopia

72.5426, 72.1507, 87.1939

Trichromacy



Original Color

70.3594, 72.0278, 76.5241

Protanomaly

69.7963, 72.1084, 77.2575

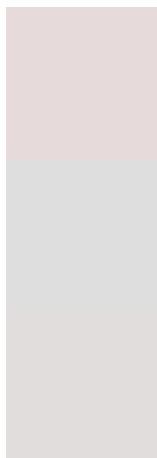
Deuteranomaly

72.3465, 71.8925, 77.0814

Tritanomaly

71.7714, 72.2161, 83.5551

Monochromacy



Original Color

70.3594, 72.0278, 76.5241

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.9589, 72.9409, 78.7984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3594, 72.0278, 76.5241 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, 218, 218) looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 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(230, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 70.3594, 72.0278, 76.5241 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, 218, 218) }
```


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

```
.border{ border-color:rgb(230, 218, 218) }
```

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

Here you see how a box with a 4 pixel rgb(230, 218, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3594, 72.0278, 76.5241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 218) }
```

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

```
.background{ background-color: rgb(230,  
218, 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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