

Converting Colors

XYZ(66.6532, 63.3949, 75.8316)

Have a look what the booklet for
XYZ(66.6532, 63.3949, 75.8316)
contains.

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Color

**XYZ(66.7192, 63.5788,
75.7733)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C8DB
RGB	232, 200, 219
RGB Percent	91%, 78%, 86%
CMY	0.0902, 0.2157, 0.1412
CMYK	0.00, 0.14, 0.06, 0.09
HSL	324°, 41%, 85%
HSV	324°, 14%, 91%
XYZ	66.7192, 63.5788, 75.7733
YIQ	211.7340, 12.9730, 12.6930

Conversions

Conversions Part 2

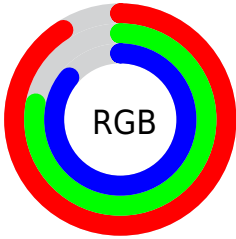
Format	Color
R _Y B	232, 200, 219
Decimal	15255771
CIE Lab	83.75, 14.43, -5.26
CIE LCh	84, 15.355, 339.972
Yxy	63.5788, 0.3238, 0.3085
Android (android.graphics.Color)	4293445851 (0xFFE8C8DB)
YUV	211.7340, 3.5821, 17.7733
Hunter-Lab	79.7363, 9.8210, -0.5278

Details

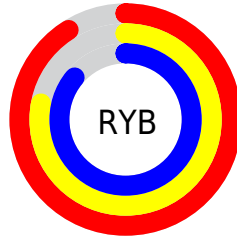
The XYZ color **66.7192, 63.5788, 75.7733** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.6888, 74.7985, 73.9824**, and the grayscale version is **62.3752, 65.6236, 71.4640**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8842, 32.4682, 39.5504** is the 20% darker color. If you saturate the color by 10%, you get **60.5428, 53.1554, 67.7647**, and if you desaturate by 10%, it is **73.7848, 75.6665, 84.4266**.

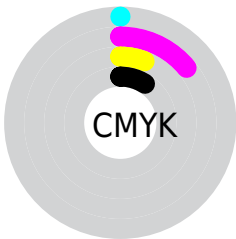
Distribution



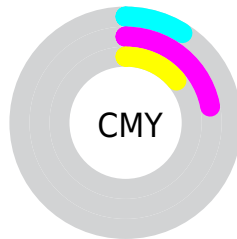
- Red (91%)
- Green (78%)
- Blue (86%)



- Red (91%)
- Yellow (78%)
- Blue (86%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7192, 63.5788, 75.7733 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 66.7192, 63.5788, 75.7733 by changing the saturation by 10% instead.

66.7192, 63.5788,
75.7733

66.7192, 63.5788,
75.7733

438.3928,
437.6670, 499.8975

49.1263, 46.3096,
55.7411

113.5700,
110.0041, 129.1636

34.9346, 32.4902,
39.5928

143.5586,
139.9290, 163.3587

23.7788, 21.7362,
26.9098

178.4098,
174.8413, 203.1119

15.2935, 13.6632,
17.2737

218.4890,
215.1254, 248.8416

9.1133, 7.8868,
10.2658

264.1616,
261.1656, 300.9665

4.8728, 4.0226,
5.4676

315.7928,

2.2068, 1.6862,

313.3463, 359.9051

2.4607

373.7481,
372.0520, 426.0759

■ 0.7463, 0.4147,
0.8192

■ 0.0000, 0.0000,
0.0000

■ 66.7192, 63.5788,
75.7733

■ 66.7192, 63.5788,
75.7733

■ 60.5428, 53.1554,
67.7647

■ 73.7848, 75.6665,
84.4266

■ 55.2124, 44.3142,
60.3783

■ 81.7696, 89.4790,
93.7378

■ 50.6892, 36.9786,
53.5963

■ 85.8709, 95.4087,
102.1123

■ 46.9292, 31.0625,
47.3979

■ 87.0892, 95.8960,
108.5274

■ 43.8838, 26.4710,
41.7608

■ 41.4986, 23.0971,
36.6606

■ 39.7109, 20.8176,
32.0698

■ 38.4446, 19.4822,
27.9563

■ 37.8477, 18.9835,
25.6152

Harmonies

Analogous

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



64.6853, 63.5788, 84.4316



66.7192, 63.5788, 75.7733



67.0335, 63.5788, 66.0650

Triad

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



66.7192, 63.5788, 75.7733



59.3155, 63.5788, 52.5227



55.6024, 63.5788, 81.8349

Complementary

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



66.7192, 63.5788, 75.7733



64.6888, 74.7985, 73.9824

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.



54.2746, 63.5788, 72.4873



66.7192, 63.5788, 75.7733



56.3651, 63.5788, 55.9662

Square

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



66.7192, 63.5788, 75.7733



62.6744, 63.5788, 53.2256



54.5485, 63.5788, 63.0681



58.2393, 63.5788, 88.1502

Rectangle

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



66.7192, 63.5788, 75.7733



66.2138, 63.5788, 60.3701



54.5485, 63.5788, 63.0681



54.9927, 63.5788, 78.9093

Sweetspot

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



66.7210, 63.5816, 75.7747



91.2218, 93.3998, 104.3677



62.6049, 61.2541, 84.8686



19.3755, 19.7340, 22.1597



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.



66.7210, 63.5816, 75.7747



80.0387, 74.3092, 90.5420



64.7386, 62.7886, 65.3353



14.7343, 14.5109, 16.8012



21.0753, 10.5643, 14.5572



1.6032, 0.7990, 1.3168

Inverse Universe

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



66.7210, 63.5816, 75.7747



80.0387, 74.3092, 90.5420



66.7930, 75.6402, 85.0634



14.7343, 14.5109, 16.8012



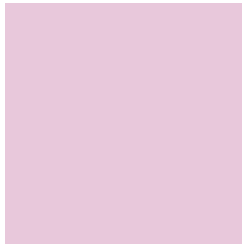
21.0753, 10.5643, 14.5572



1.6032, 0.7990, 1.3168

Previews

White Background



This preview shows how the XYZ color 66.7192, 63.5788, 75.7733 looks on a white background.

Color Contrast Check

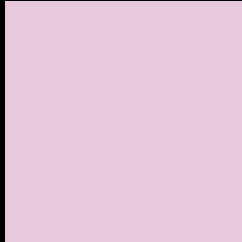
Large Text (above 18pt) WCAG AA × Fail

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 66.7192, 63.5788, 75.7733 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 66.7192, 63.5788, 75.7733

Background



This preview shows how black text looks on a background with the XYZ color 66.7192, 63.5788, 75.7733.



This preview shows how white text looks on a background with the XYZ color 66.7192, 63.5788,

75.7733.

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

66.7192, 63.5788, 75.7733

Protanopia

62.0228, 63.9035, 79.5867

Deuteranopia

65.0622, 63.7814, 75.2116



Tritanopia

66.3277, 63.4222, 73.7116

Trichromacy



Original Color

66.7192, 63.5788, 75.7733

Protanomaly

63.6314, 63.6883, 78.0466

Deuteranomaly

65.7703, 63.7970, 75.1772

Tritanomaly

66.4574, 63.4741, 74.3947

Monochromacy



Original Color

66.7192, 63.5788, 75.7733

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.0350, 65.0781, 73.4763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7192, 63.5788, 75.7733 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(232, 200, 219)` looks like.

```
.text, #text, p{  
    color:rgb(232, 200, 219)  
}
```

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(232, 200, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 200, 219) }
```

Border

The CSS property to change the border of an element to XYZ 66.7192, 63.5788, 75.7733 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(232, 200, 219) }
```


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

```
.border{ border-color:rgb(232, 200, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 200, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 200, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 200, 219);  
box-shadow:4px 4px 4px 4px rgb(232, 200,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7192, 63.5788, 75.7733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 200, 219) }
```

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

```
.background{ background-color: rgb(232,  
200, 219) }
```

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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