

Converting Colors

XYZ(59.7744, 57.1990, 65.6477)

Have a look what the booklet for
XYZ(59.7744, 57.1990, 65.6477)
contains.

XYZ(59.7744, 57.1990, 65.6477)	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(59.7744, 57.1990,
65.6477)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBFCD
RGB	222, 191, 205
RGB Percent	87%, 75%, 80%
CMY	0.1294, 0.2510, 0.1961
CMYK	0.00, 0.14, 0.08, 0.13
HSL	333°, 32%, 81%
HSV	333°, 14%, 87%
XYZ	59.7744, 57.1990, 65.6477
YIQ	201.8650, 13.9820, 10.9260

Conversions

Conversions Part 2

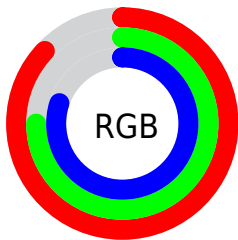
Format	Color
R _Y B	222, 191, 205
Decimal	14598093
CIE Lab	80.29, 13.33, -2.94
CIE LCh	80, 13.651, 347.563
Yxy	57.1990, 0.3273, 0.3132
Android (android.graphics.Color)	4292788173 (0xFFDEBFCD)
YUV	201.8650, 1.5456, 17.6584
Hunter-Lab	75.6300, 8.7254, 1.4766

Details

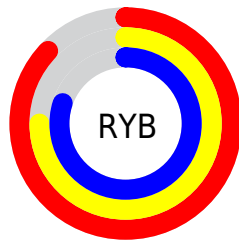
The XYZ color **59.7744, 57.1990, 65.6477** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.9945, 67.8744, 69.6694**, and the grayscale version is **56.0408, 58.9593, 64.2067**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **30.6107, 28.6268, 33.1903** is the 20% darker color. If you saturate the color by 10%, you get **53.8824, 47.6757, 56.7126**, and if you desaturate by 10%, it is **66.5178, 68.2406, 75.4323**.

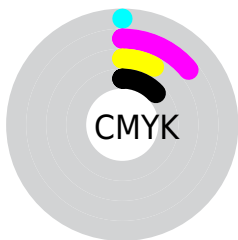
Distribution



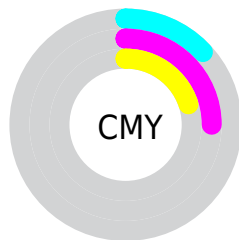
- Red (87%)
- Green (75%)
- Blue (80%)



- Red (87%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7744, 57.1990, 65.6477 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 59.7744, 57.1990, 65.6477 by changing the saturation by 10% instead.

■ 59.7744, 57.1990,
65.6477

■ 59.7744, 57.1990,
65.6477

413.6138,
414.1946, 463.4857

■ 43.4856, 41.1650,
47.5318

■ 103.6105,
100.7555, 114.6027

■ 30.4625, 28.4481,
33.0989

131.8886,
129.0468, 146.2789

■ 20.3397, 18.6637,
21.9305

164.8937,
162.1927, 183.3123

■ 12.7519, 11.4275,
13.6080

202.9914,
200.5776, 226.1214

■ 7.3337, 6.3552,
7.7129

246.5469,
244.5858, 275.1247

■ 3.7199, 3.0622,
3.8267

295.9255,

■ 1.5449, 1.1643,

294.6018, 330.7408

1.5307

351.4927,
351.0099, 393.3883

■ 0.3561, 0.0323,
0.2407

■ 0.0000, 0.0000,
0.0000

■ 59.7744, 57.1990,
65.6477

■ 59.7744, 57.1990,
65.6477

■ 53.8824, 47.6757,
56.7126

■ 66.5178, 68.2406,
75.4323

■ 48.8015, 39.5964,
48.5988

■ 74.1412, 80.8557,
86.0862

■ 44.4952, 32.8917,
41.2815

■ 81.8407, 93.4322,
97.3542

■ 40.9221, 27.4833,
34.7332

■ 83.7265, 94.1865,
107.2845

■ 38.0369, 23.2852,
28.9246

■ 83.9344, 94.2697,
108.3798

■ 35.7889, 20.2007,
23.8238

■ 34.1198, 18.1182,
19.3956

■ 32.9589, 16.9022,
15.6002

■ 32.4365, 16.4546,
13.5851

Harmonies

Analogous

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



58.4217, 57.1990, 73.2325



59.7744, 57.1990, 65.6477



59.6422, 57.1990, 57.7583

Triad

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



59.7744, 57.1990, 65.6477



52.7633, 57.1990, 48.7513



50.8259, 57.1990, 74.3200

Complementary

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



59.7744, 57.1990, 65.6477



58.9945, 67.8744, 69.6694

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.



49.4104, 57.1990, 67.0317



59.7744, 57.1990, 65.6477



50.5023, 57.1990, 52.4778

Square

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



59.7744, 57.1990, 65.6477



55.5295, 57.1990, 48.4499



49.2940, 57.1990, 59.0295



53.2188, 57.1990, 78.5193

Rectangle

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



59.7744, 57.1990, 65.6477



58.7300, 57.1990, 53.3759



49.2940, 57.1990, 59.0295



50.2236, 57.1990, 72.1230

Sweetspot

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



59.7760, 57.2015, 65.6489



90.9942, 93.3088, 103.1692



57.6991, 55.8807, 76.8528



19.3179, 19.7110, 21.8564



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.



59.7760, 57.2015, 65.6489



79.1516, 73.9544, 85.8707



58.3871, 57.0078, 57.2196



13.9632, 13.8029, 15.5766



19.3209, 9.7954, 8.3557



1.3839, 0.6968, 0.8144

Inverse Universe

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



59.7760, 57.2015, 65.6489



79.1516, 73.9544, 85.8707



60.5200, 68.0468, 79.0524



13.9632, 13.8029, 15.5766



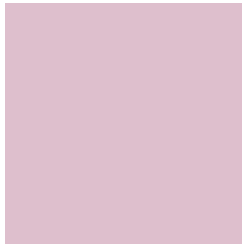
19.3209, 9.7954, 8.3557



1.3839, 0.6968, 0.8144

Previews

White Background



This preview shows how the XYZ color 59.7744, 57.1990, 65.6477 looks on a white background.

Color Contrast Check

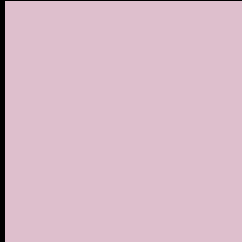
Large Text (above 18pt) WCAG AA × Fail

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 59.7744, 57.1990, 65.6477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

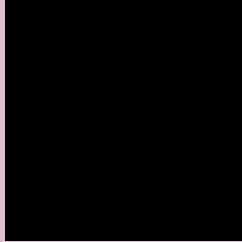
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7744, 57.1990, 65.6477

Background



This preview shows how black text looks on a background with the XYZ color 59.7744, 57.1990, 65.6477.



This preview shows how white text looks on a background with the XYZ color 59.7744, 57.1990,

65.6477.

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

59.7744, 57.1990, 65.6477

Protanopia

55.5221, 57.2710, 68.4497

Deuteranopia

58.4083, 57.1466, 65.7096



Tritanopia

59.8956, 57.2474, 66.2855

Trichromacy



Original Color

59.7744, 57.1990, 65.6477

Protanomaly

56.9127, 56.9942, 67.6759

Deuteranomaly

58.7825, 57.0125, 65.6639

Tritanomaly

59.8956, 57.2474, 66.2855

Monochromacy



Original Color

59.7744, 57.1990, 65.6477

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.2681, 58.2553, 64.7260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7744, 57.1990, 65.6477 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(222, 191, 205)` looks like.

```
.text, #text, p{  
    color:rgb(222, 191, 205)  
}
```

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(222, 191, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 191, 205) }
```

Border

The CSS property to change the border of an element to XYZ 59.7744, 57.1990, 65.6477 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(222, 191, 205) }
```


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

```
.border{ border-color:rgb(222, 191, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 191, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 191, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 191, 205);  
box-shadow:4px 4px 4px 4px rgb(222, 191,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7744, 57.1990, 65.6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 191, 205) }
```

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

```
.background{ background-color: rgb(222,  
191, 205) }
```

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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