

Converting Colors

XYZ(66.8044, 66.6267, 59.4650)

Have a look what the booklet for
XYZ(66.8044, 66.6267, 59.4650)
contains.

XYZ(66.7523, 66.4359, 59.1744)	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(66.7523, 66.4359,
59.1744)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCFC0
RGB	237, 207, 192
RGB Percent	93%, 81%, 75%
CMY	0.0706, 0.1882, 0.2471
CMYK	0.00, 0.13, 0.19, 0.07
HSL	20°, 56%, 84%
HSV	20°, 19%, 93%
XYZ	66.7523, 66.4359, 59.1744
YIQ	214.2600, 22.6950, 1.6950

Conversions

Conversions Part 2

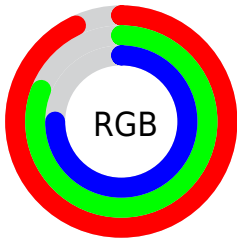
Format	Color
R _Y B	237, 215, 192
Decimal	15585216
CIE Lab	85.22, 8.15, 11.30
CIE LCh	85, 13.936, 54.190
Yxy	66.4359, 0.3470, 0.3454
Android (android.graphics.Color)	4293775296 (0xFFEDCFC0)
YUV	214.2600, -10.9742, 19.9430
Hunter-Lab	81.5082, 3.5457, 14.0116

Details

The XYZ color **66.7523, 66.4359, 59.1744** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.1452, 69.5619, 90.2200**, and the grayscale version is **64.1540, 67.4950, 73.5020**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **35.1075, 34.4703, 29.2292** is the 20% darker color. If you saturate the color by 10%, you get **60.6975, 58.1954, 45.2270**, and if you desaturate by 10%, it is **73.6166, 75.6175, 75.4794**.

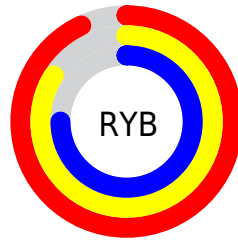
Distribution



Red (93%)

Green (81%)

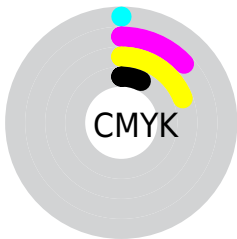
Blue (75%)



Red (93%)

Yellow (84%)

Blue (75%)

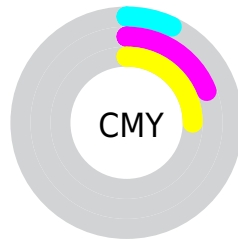


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (7%)



Cyan (7%)


Magenta (19%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7523, 66.4359, 59.1744 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 66.7523, 66.4359, 59.1744 by changing the saturation by 10% instead.


 66.7523, 66.4359,
59.1744

 66.7523, 66.4359,
59.1744


438.5089,
447.9342, 439.2678

 49.1533, 48.6263,
42.3326


 113.6172,
114.1117, 105.1627

 34.9561, 34.3232,
29.0343


143.6138,
144.7468, 135.1463

 23.7955, 23.1420,
18.8610


178.4736,
180.4258, 170.3475

 15.3059, 14.6984,
11.3941

218.5620,
221.5332, 211.1850

 9.1220, 8.6080,
6.2150

264.2444,
268.4534, 258.0772

 4.8786, 4.4864,
2.9054

315.8861,

 2.2102, 1.9492,

321.5706, 311.4427

1.0465

373.8525,
381.2694, 371.7001

■ 0.7481, 0.5777,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7523, 66.4359,
59.1744

■ 66.7523, 66.4359,
59.1744

■ 60.6975, 58.1954,
45.2270

■ 73.6166, 75.6175,
75.4794

■ 55.4154, 50.8566,
33.5228

■ 81.3146, 85.7601,
94.2405

■ 50.8742, 44.3901,
23.9443

■ 88.5438, 96.3617,
108.5407

■ 47.0376, 38.7619,
16.3612

■ 88.7353, 96.7446,
108.6045

■ 43.8660, 33.9351,
10.6290

■ 41.3151, 29.8700,
6.5831

■ 39.3343, 26.5225,
4.0294

■ 37.8530, 23.8390,
2.6753

■ 37.7229, 23.6000,
2.5670

Harmonies

Analogous

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



68.8273, 66.4359, 65.4663



66.7523, 66.4359, 59.1744



63.7599, 66.4359, 56.4304

Triad

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



66.7523, 66.4359, 59.1744



57.3148, 66.4359, 70.5973



65.6574, 66.4359, 89.3245

Complementary

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



66.7523, 66.4359, 59.1744



63.1452, 69.5619, 90.2200

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.



62.5348, 66.4359, 90.9837



66.7523, 66.4359, 59.1744



57.7850, 66.4359, 79.6732

Square

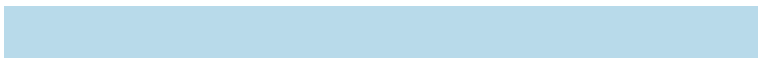
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.7523, 66.4359, 59.1744



58.3643, 66.4359, 62.6643



59.6707, 66.4359, 87.3206



68.1806, 66.4359, 82.9579

Rectangle

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



66.7523, 66.4359, 59.1744



61.6736, 66.4359, 56.8039



59.6707, 66.4359, 87.3206



64.6403, 66.4359, 90.4723

Sweetspot

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



66.7541, 66.4389, 59.1758



89.5160, 92.7182, 95.3830



66.9602, 60.9786, 77.3488



19.0359, 19.6813, 20.1148



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.



66.7541, 66.4389, 59.1758



75.7754, 74.3249, 62.7860



72.5980, 78.1267, 61.1238



15.4758, 15.8746, 15.7672



20.7030, 13.1002, 1.4374



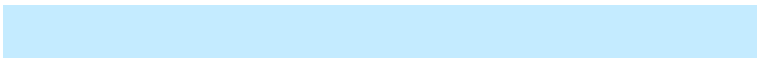
1.7112, 1.1998, 0.1414

Inverse Universe

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



63.1452, 69.5619, 90.2200



70.7418, 78.6742, 106.0649



57.5638, 58.3992, 88.3595



15.0700, 16.2265, 19.2600



15.1445, 16.9359, 46.2137



1.2770, 1.5055, 3.6582

Previews

White Background



This preview shows how the XYZ color 66.7523, 66.4359, 59.1744 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 66.7523, 66.4359, 59.1744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

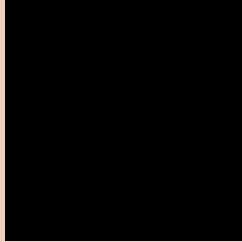
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7523, 66.4359, 59.1744

Background



This preview shows how black text looks on a background with the XYZ color 66.7523, 66.4359, 59.1744.

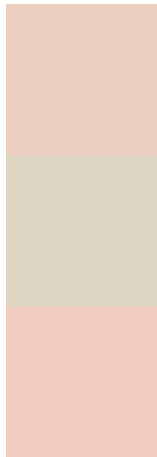


This preview shows how white text looks on a background with the XYZ color 66.7523, 66.4359,

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

66.7523, 66.4359, 59.1744

Protanopia

63.2126, 66.3992, 61.1144

Deuteranopia

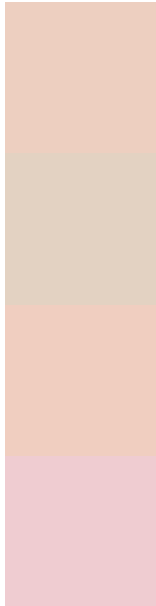
67.6214, 66.1692, 59.0771



Tritanopia

70.0773, 66.3516, 76.1315

Trichromacy



Original Color

66.7523, 66.4359, 59.1744

Protanomaly

64.4628, 66.3191, 60.4423

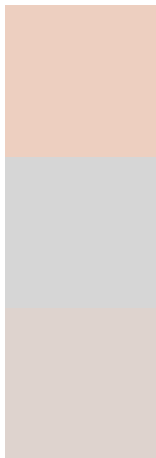
Deuteranomaly

67.5209, 66.4736, 59.1411

Tritanomaly

68.6981, 66.1399, 69.4671

Monochromacy



Original Color

66.7523, 66.4359, 59.1744

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.5590, 66.5744, 67.8400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7523, 66.4359, 59.1744 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(237, 207, 192)` looks like.

```
.text, #text, p{  
    color:rgb(237, 207, 192)  
}
```

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(237, 207, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 207, 192) }
```

Border

The CSS property to change the border of an element to XYZ 66.7523, 66.4359, 59.1744 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(237, 207, 192) }
```


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

```
.border{ border-color:rgb(237, 207, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 207, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 207, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 207, 192);  
box-shadow:4px 4px 4px 4px rgb(237, 207,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7523, 66.4359, 59.1744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 207, 192) }
```

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

```
.background{ background-color: rgb(237,  
207, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor