

Converting Colors

XYZ(63.7721, 69.0587, 74.5786)

Have a look what the booklet for
XYZ(63.7721, 69.0587, 74.5786)
contains.

XYZ(63.6097, 68.9792, 74.2517)	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(63.6097, 68.9792,
74.2517)**

Conversions

Conversions Part 1

Format	Color
Hex	D0DBD7
RGB	208, 219, 215
RGB Percent	82%, 86%, 84%
CMY	0.1843, 0.1412, 0.1569
CMYK	0.05, 0.00, 0.02, 0.14
HSL	158°, 13%, 84%
HSV	158°, 5%, 86%
XYZ	63.6097, 68.9792, 74.2517
YIQ	215.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

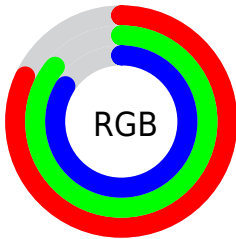
Format	Color
R _Y B	208, 215, 219
Decimal	13687767
CIE Lab	86.49, -4.43, 0.67
CIE LCh	86, 4.482, 171.363
Yxy	68.9792, 0.3075, 0.3335
Android (android.graphics.Color)	4291877847 (0xFFD0DBD7)
YUV	215.2550, -0.1257, -6.3626
Hunter-Lab	83.0537, -8.6333, 5.1311

Details

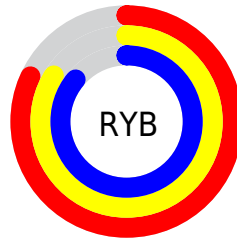
The XYZ color **63.6097, 68.9792, 74.2517** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6555, 64.9271, 71.4679**, and the grayscale version is **64.7691, 68.1421, 74.2068**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9470, 35.9590, 38.4620** is the 20% darker color. If you saturate the color by 10%, you get **56.8737, 65.6240, 68.7220**, and if you desaturate by 10%, it is **71.2498, 72.7985, 80.0869**.

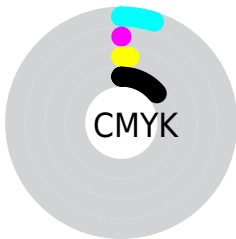
Distribution



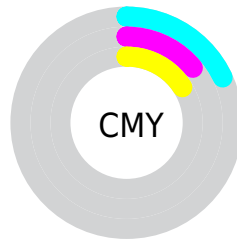
- Red (82%)
- Green (86%)
- Blue (84%)



- Red (82%)
- Yellow (84%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (18%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6097, 68.9792, 74.2517 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 63.6097, 68.9792, 74.2517 by changing the saturation by 10% instead.

■ 63.6097, 68.9792,
74.2517

■ 63.6097, 68.9792,
74.2517

427.4034,
456.9576, 494.5282

■ 46.5951, 50.6948,
54.5020

109.1255,
117.7519, 126.9899

■ 32.9223, 35.9658,
38.6073

138.3575,
149.0089, 160.8155

■ 22.2259, 24.4077,
26.1489

172.3926,
185.3589, 200.1701

■ 14.1405, 15.6364,
16.7083

211.5963,
227.1863, 245.4724

■ 8.3008, 9.2672,
9.8670

256.3339,
274.8755, 297.1408

■ 4.3414, 4.9159,
5.2064

306.9707,

■ 1.8971, 2.1980,

328.8108, 355.5939

2.3080

363.8721,
389.3767, 421.2502

■ 0.5751, 0.7189,
0.7357

■ 0.0000, 0.0000,
0.0000

■ 63.6097, 68.9792,
74.2517

■ 63.6097, 68.9792,
74.2517

■ 56.8737, 65.6240,
68.7220

■ 71.2498, 72.7985,
80.0869

■ 51.0005, 62.7061,
63.4879


■ 79.8213, 77.0903,
86.2283


■ 45.9544, 60.2088,
58.5455


■ 82.1389, 78.1521,
92.3444


■ 41.6947, 58.1116,
53.8891


■ 83.3419, 78.6333,
98.6793


 38.1775, 56.3916,
49.5126


 84.5975, 79.1355,
105.2909

 35.3539, 55.0239,
45.4098

 84.6228, 79.1456,
105.4243

 33.1693, 53.9803,
41.5739

 31.5603, 53.2283,
37.9978

 30.4492, 52.7280,
34.6736

Harmonies

Analogous

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



64.0164, 68.9792, 71.5948



63.6097, 68.9792, 74.2517



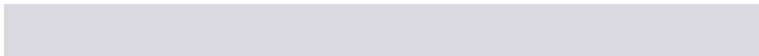
63.7219, 68.9792, 77.2075

Triad

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



63.6097, 68.9792, 74.2517



66.2922, 68.9792, 80.5551



66.8164, 68.9792, 70.7309

Complementary

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



63.6097, 68.9792, 74.2517



63.6555, 64.9271, 71.4679

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.



67.4385, 68.9792, 73.0442



63.6097, 68.9792, 74.2517



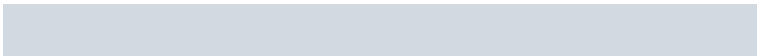
67.1336, 68.9792, 78.7314

Square

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



63.6097, 68.9792, 74.2517



65.2635, 68.9792, 80.8991



67.5552, 68.9792, 75.9681



65.8628, 68.9792, 69.5975

Rectangle

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



63.6097, 68.9792, 74.2517



64.0765, 68.9792, 78.9465



67.5552, 68.9792, 75.9681



67.0717, 68.9792, 71.3933

Sweetspot

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



63.6117, 68.9821, 74.2532



92.9012, 98.9266, 107.2475



63.8800, 69.2222, 69.6700



19.9072, 21.1856, 22.9728



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.



63.6117, 68.9821, 74.2532



88.7600, 96.8594, 103.9949



63.7515, 68.4283, 76.8692



13.6612, 14.9583, 16.0378



17.8518, 31.1733, 19.9168



1.1973, 2.0359, 1.5053

Inverse Universe

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



63.6555, 64.9271, 71.4679



88.8340, 90.0126, 99.2919



63.5159, 65.4463, 68.9604



13.6737, 13.8055, 15.2460



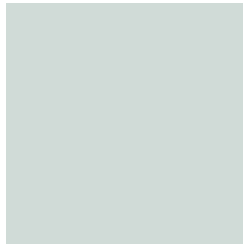
18.2219, 9.2898, 5.5485



1.2211, 0.6181, 0.5730

Previews

White Background



This preview shows how the XYZ color 63.6097, 68.9792, 74.2517 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 63.6097, 68.9792, 74.2517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

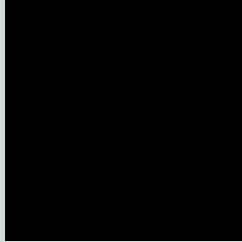
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

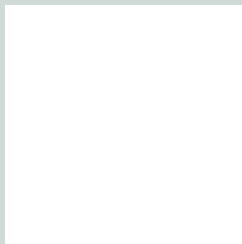
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6097, 68.9792, 74.2517

Background



This preview shows how black text looks on a background with the XYZ color 63.6097, 68.9792, 74.2517.

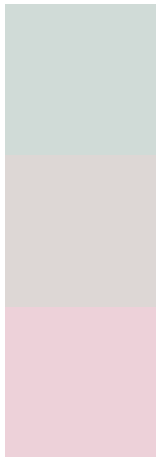


This preview shows how white text looks on a background with the XYZ color 63.6097, 68.9792,

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

63.6097, 68.9792, 74.2517

Protanopia

66.1295, 68.7771, 72.7407

Deuteranopia

70.2499, 68.6152, 75.1871



Tritanopia

66.1278, 68.8438, 86.8937

Trichromacy



Original Color

63.6097, 68.9792, 74.2517

Protanomaly

65.0124, 68.5657, 73.4263

Deuteranomaly

67.5530, 68.7151, 74.6687

Tritanomaly

65.1187, 68.8183, 81.8027

Monochromacy



Original Color

63.6097, 68.9792, 74.2517

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.9730, 68.0151, 74.0465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6097, 68.9792, 74.2517 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(208, 219, 215) looks like.

```
.text, #text, p{  
    color:rgb(208, 219, 215)  
}
```

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(208, 219, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 219, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.6097, 68.9792, 74.2517 is called "border". The border property can be set on classes, ids or directly on the HTML element.

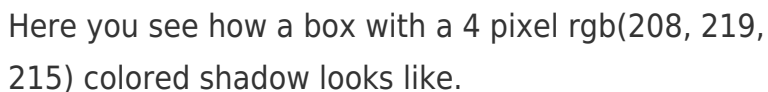
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 219, 215) }
```


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

```
.border{ border-color:rgb(208, 219, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 219, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 219, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 219, 215); box-shadow:4px 4px 4px 4px rgb(208, 219, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6097, 68.9792, 74.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 219, 215) }
```

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

```
.background{ background-color: rgb(208,  
219, 215) }
```

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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