

Converting Colors

XYZ(63.5063, 66.1548, 74.2485)

Have a look what the booklet for
XYZ(63.5063, 66.1548, 74.2485)
contains.

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Color

**XYZ(63.6697, 66.3410,
74.4151)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D4D8
RGB	214, 212, 216
RGB Percent	84%, 83%, 85%
CMY	0.1608, 0.1686, 0.1529
CMYK	0.01, 0.02, 0.00, 0.15
HSL	270°, 5%, 84%
HSV	270°, 2%, 85%
XYZ	63.6697, 66.3410, 74.4151
YIQ	213.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

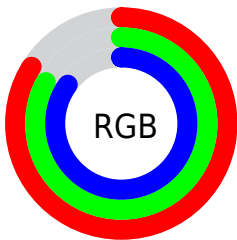
Format	Color
RYB	214, 212, 216
Decimal	14079192
CIELab	85.17, 1.41, -1.74
CIELCh	85, 2.240, 309.091
Yxy	66.3410, 0.3115, 0.3245
Android (android.graphics.Color)	4292269272 (0xFFD6D4D8)
YUV	213.0540, 1.4524, 0.8296
Hunter-Lab	81.4500, -3.0035, 2.8459

Details

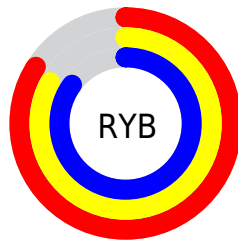
The XYZ color **63.6697, 66.3410, 74.4151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1737, 68.1632, 72.0653**, and the grayscale version is **63.2742, 66.5694, 72.4941**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7881, 34.0581, 38.5640** is the 20% darker color. If you saturate the color by 10%, you get **55.5767, 54.6838, 72.5926**, and if you desaturate by 10%, it is **72.6982, 79.5565, 76.4911**.

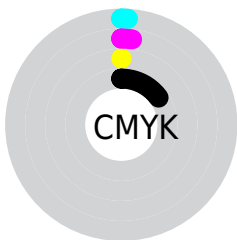
Distribution



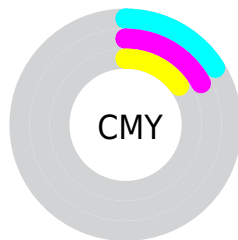
- Red (84%)
- Green (83%)
- Blue (85%)



- Red (84%)
- Yellow (83%)
- Blue (85%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6697, 66.3410, 74.4151 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 63.6697, 66.3410, 74.4151 by changing the saturation by 10% instead.

■ 63.6697, 66.3410,
74.4151

■ 63.6697, 66.3410,
74.4151

427.6170,
447.5954, 495.1065

■ 46.6439, 48.5493,
54.6350

109.2115,
113.9756, 127.2235

■ 32.9610, 34.2621,
38.7129

138.4582,
144.5873, 161.0890

■ 22.2557, 23.0950,
26.2304

172.5093,
180.2411, 200.4866

■ 14.1625, 14.6637,
16.7688

211.7300,
221.3214, 245.8349

■ 8.3162, 8.5837,
9.9095

256.4858,
268.2126, 297.5525

■ 4.3515, 4.4706,
5.2342

307.1420,

■ 1.9028, 1.9402,

321.2990, 356.0580

2.3242

364.0640,
380.9652, 421.7698

■ 0.5785, 0.5724,
0.7447

■ 0.0000, 0.0000,
0.0000

■ 63.6697, 66.3410,
74.4151

■ 63.6697, 66.3410,
74.4151

■ 55.5767, 54.6838,
72.5926

■ 72.6982, 79.5565,
76.4911

■ 48.3811, 44.5174,
71.0095

■ 82.6218, 94.2463,
78.8035

■ 42.0502, 35.7818,
69.6570

■ 86.3132, 96.1493,
78.9762

■ 36.5472, 28.4095,
68.5241

■ 89.3949, 97.7379,
79.1205

■ 31.8323, 22.3276,
67.5987

■ 27.8621, 17.4561,
66.8676

■ 24.5884, 13.7057,
66.3163

■ 21.9564, 10.9741,
65.9277

■ 19.9013, 9.1393,
65.6819

Harmonies

Analogous

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



63.2088, 66.3410, 75.0164



63.6697, 66.3410, 74.4151



63.9670, 66.3410, 73.2316

Triad

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



63.6697, 66.3410, 74.4151



63.4025, 66.3410, 69.6660



62.1007, 66.3410, 72.6746

Complementary

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



63.6697, 66.3410, 74.4151



64.1737, 68.1632, 72.0653

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.



62.1520, 66.3410, 71.2457



63.6697, 66.3410, 74.4151



62.9017, 66.3410, 69.5214

Square

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



63.6697, 66.3410, 74.4151



63.8122, 66.3410, 70.4938



62.4445, 66.3410, 70.0961



62.3041, 66.3410, 74.0027

Rectangle

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



63.6697, 66.3410, 74.4151



64.0315, 66.3410, 72.2782



62.4445, 66.3410, 70.0961



62.0887, 66.3410, 72.1900

Sweetspot

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



63.6716, 66.3438, 74.4165



93.7739, 98.1425, 108.6087



63.6120, 67.0843, 74.5626



20.0849, 21.0261, 23.2498



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.



63.6716, 66.3438, 74.4165



92.5117, 96.3082, 108.3212



64.2393, 66.6365, 74.4431



13.6536, 14.2241, 15.9634



11.1137, 4.8818, 38.8097



0.7658, 0.3437, 2.3453

Inverse Universe

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



64.0024, 66.5440, 73.0929



93.0370, 96.6261, 106.2190



63.6126, 67.8739, 72.0390



13.7258, 14.2678, 15.6744



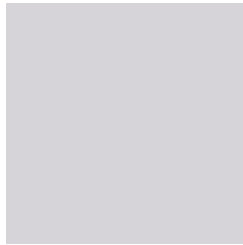
18.4219, 9.3051, 9.5260



1.1529, 0.5780, 0.7946

Previews

White Background



This preview shows how the XYZ color 63.6697, 66.3410, 74.4151 looks on a white background.

Color Contrast Check

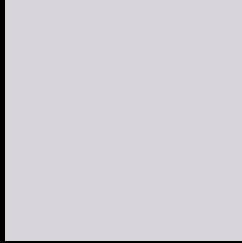
Large Text (above 18pt) WCAG AA × Fail

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 63.6697, 66.3410, 74.4151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

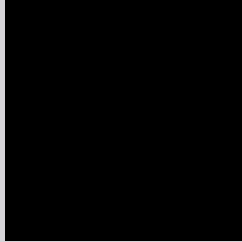
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

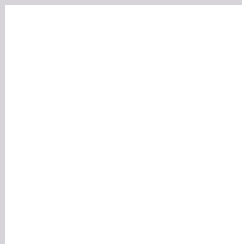
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6697, 66.3410, 74.4151

Background



This preview shows how black text looks on a background with the XYZ color 63.6697, 66.3410, 74.4151.

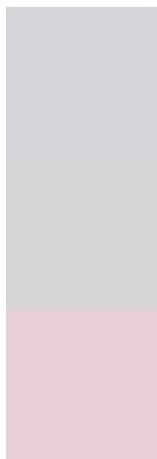


This preview shows how white text looks on a background with the XYZ color 63.6697, 66.3410,

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

63.6697, 66.3410, 74.4151

Protanopia

63.9625, 66.4919, 74.4288

Deuteranopia

67.5507, 66.1413, 74.8519



Tritanopia

65.2306, 66.2382, 82.0203

Trichromacy



Original Color

63.6697, 66.3410, 74.4151

Protanomaly

63.9625, 66.4919, 74.4288

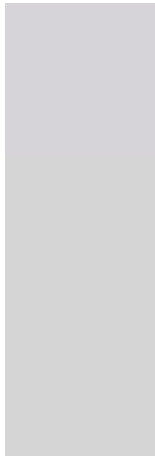
Deuteranomaly

66.1316, 66.1291, 74.9243

Tritanomaly

64.6379, 66.3633, 79.2147

Monochromacy



Original Color

63.6697, 66.3410, 74.4151

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.3724, 66.5897, 73.1313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6697, 66.3410, 74.4151 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(214, 212, 216) looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 216)  
}
```

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(214, 212, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 216) }
```

Border

The CSS property to change the border of an element to XYZ 63.6697, 66.3410, 74.4151 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(214, 212, 216) }
```


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

```
.border{ border-color:rgb(214, 212, 216) }
```

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

Here you see how a box with a 4 pixel rgb(214, 212, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 216);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6697, 66.3410, 74.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 212, 216) }
```

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

```
.background{ background-color: rgb(214,  
212, 216) }
```

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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