

Converting Colors

XYZ(63.9749, 67.3096, 74.4527)

Have a look what the booklet for
XYZ(63.9749, 67.3096, 74.4527)
contains.

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Color

**XYZ(63.8818, 67.1971,
74.5692)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D6D8
RGB	213, 214, 216
RGB Percent	84%, 84%, 85%
CMY	0.1647, 0.1608, 0.1529
CMYK	0.01, 0.01, 0.00, 0.15
HSL	220°, 4%, 84%
HSV	220°, 1%, 85%
XYZ	63.8818, 67.1971, 74.5692
YIQ	213.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

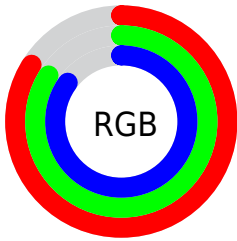
Format	Color
R _Y B	213, 214, 216
Decimal	14014168
CIE Lab	85.60, 0.03, -1.11
CIE LCh	86, 1.113, 271.526
Yxy	67.1971, 0.3106, 0.3268
Android (android.graphics.Color)	4292204248 (0xFFD5D6D8)
YUV	213.9290, 1.0210, -0.8147
Hunter-Lab	81.9738, -4.3501, 3.4473

Details

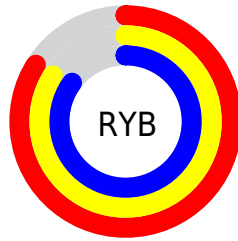
The XYZ color **63.8818, 67.1971, 74.5692** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6297, 68.0032, 72.6714**, and the grayscale version is **63.8643, 67.1902, 73.1702**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9317, 34.6386, 38.6684** is the 20% darker color. If you saturate the color by 10%, you get **54.5505, 57.2239, 73.1370**, and if you desaturate by 10%, it is **74.3725, 78.2484, 76.1504**.

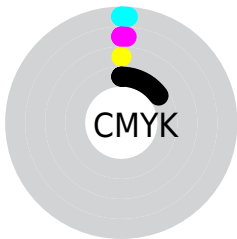
Distribution



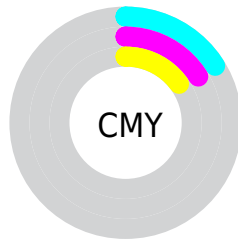
- Red (84%)
- Green (84%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.8818, 67.1971, 74.5692 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 63.8818, 67.1971, 74.5692 by changing the saturation by 10% instead.

■ 63.8818, 67.1971,
74.5692

■ 63.8818, 67.1971,
74.5692

428.3717,
450.6460, 495.6514

■ 46.8163, 49.2448,
54.7604

109.5154,
115.2028, 127.4438

■ 33.0978, 34.8137,
38.8126

138.8141,
146.0250, 161.3468

■ 22.3609, 23.5194,
26.3073

172.9213,
181.9060, 200.7849

■ 14.2404, 14.9775,
16.8258

212.2024,
223.2301, 246.1767

■ 8.3709, 8.8036,
9.9498

257.0226,
270.3817, 297.9407

■ 4.3870, 4.6133,
5.2605

307.7473,

■ 1.9233, 2.0222,

323.7454, 356.4954

2.3395

364.7418,
383.7053, 422.2595

■ 0.5903, 0.6203,
0.7532

■ 0.0000, 0.0000,
0.0000

■ 63.8818, 67.1971,
74.5692

■ 63.8818, 67.1971,
74.5692

■ 54.5505, 57.2239,
73.1370

■ 74.3725, 78.2484,
76.1504

■ 46.3319, 48.2867,
71.8451

■ 85.6121, 90.1725,
77.8596

■ 39.1843, 40.3533,
70.6905

■ 89.3949, 97.7379,
79.1205

■ 33.0614, 33.3863,
69.6685

■ 27.9131, 27.3461,
68.7740

■ 23.6849, 22.1899,
68.0016

■ 20.3167, 17.8711,
67.3455

■ 17.7402, 14.3379,
66.7993

■ 15.8752, 11.5315,
66.3559

Harmonies

Analogous

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



63.6370, 67.1971, 74.3990



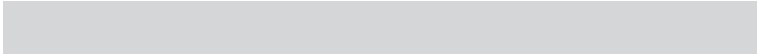
63.8818, 67.1971, 74.5692



64.1238, 67.1971, 74.3614

Triad

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



63.8818, 67.1971, 74.5692



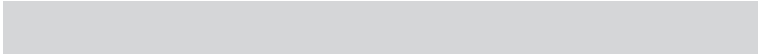
64.2848, 67.1971, 72.4394



63.4417, 67.1971, 72.5033

Complementary

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



63.8818, 67.1971, 74.5692



64.6297, 68.0032, 72.6714

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.



63.6145, 67.1971, 71.9839



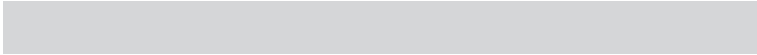
63.8818, 67.1971, 74.5692



64.1013, 67.1971, 71.9471

Square

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



63.8818, 67.1971, 74.5692



64.3568, 67.1971, 73.1291



63.8559, 67.1971, 71.7809



63.3833, 67.1971, 73.2034

Rectangle

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



63.8818, 67.1971, 74.5692



64.2508, 67.1971, 74.0373



63.8559, 67.1971, 71.7809



63.4884, 67.1971, 72.3020

Sweetspot

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



63.8837, 67.2000, 74.5707

95.0500, 100.0000, 108.9000



64.2568, 68.1627, 74.0274



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

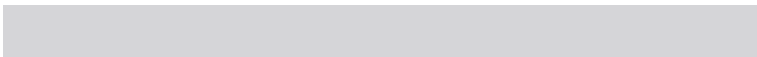
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.8837, 67.2000, 74.5707



92.1253, 96.8991, 108.4556



63.7612, 66.7609, 74.4924



13.6004, 14.3055, 15.9819



8.8069, 5.8756, 39.1231



0.6064, 0.5047, 2.3848

Inverse Universe

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



64.2522, 67.0437, 73.1760



92.9028, 96.5724, 105.5122



64.7533, 68.4474, 72.7506



13.7074, 14.2604, 15.5772



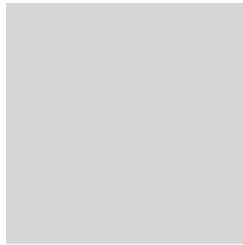
17.5042, 8.9380, 4.6931



1.0937, 0.5543, 0.4828

Previews

White Background



This preview shows how the XYZ color 63.8818, 67.1971, 74.5692 looks on a white background.

Color Contrast Check

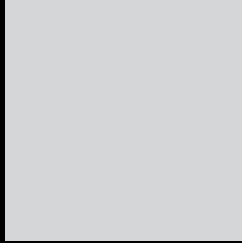
Large Text (above 18pt) WCAG AA × Fail

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 63.8818, 67.1971, 74.5692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

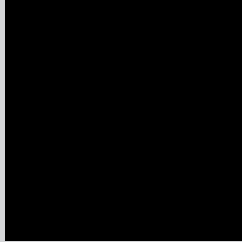
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

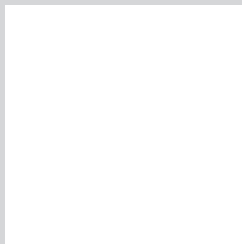
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.8818, 67.1971, 74.5692

Background



This preview shows how black text looks on a background with the XYZ color 63.8818, 67.1971, 74.5692.

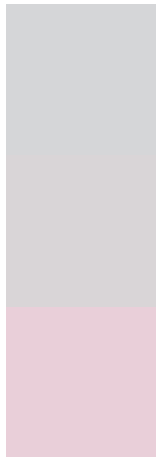


This preview shows how white text looks on a background with the XYZ color 63.8818, 67.1971,

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

63.8818, 67.1971, 74.5692

Protanopia

64.6753, 67.2465, 73.8611

Deuteranopia

68.4415, 66.9590, 74.9628



Tritanopia

65.7107, 67.1912, 83.6346

Trichromacy



Original Color

63.8818, 67.1971, 74.5692

Protanomaly

64.3789, 67.0937, 73.8472

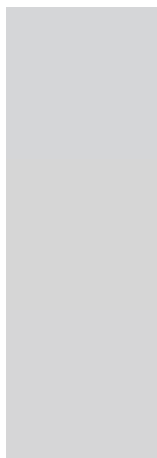
Deuteranomaly

66.9350, 67.2717, 75.1025

Tritanomaly

64.9804, 67.2665, 80.0799

Monochromacy



Original Color

63.8818, 67.1971, 74.5692

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.0439, 67.2956, 73.9038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8818, 67.1971, 74.5692 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(213, 214, 216) looks like.

```
.text, #text, p{  
    color:rgb(213, 214, 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(213, 214, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 214, 216) }
```

Border

The CSS property to change the border of an element to XYZ 63.8818, 67.1971, 74.5692 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(213, 214, 216) }
```

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

```
.border{ border-color:rgb(213, 214, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 214, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 214, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 214, 216);  
box-shadow:4px 4px 4px 4px rgb(213, 214,  
216) }
```


Background

The CSS property to change the background color of an element to XYZ 63.8818, 67.1971, 74.5692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 214, 216) }
```

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

```
.background{ background-color: rgb(213,  
214, 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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