

Converting Colors

XYZ(64.0589, 67.3366, 74.5362)

Have a look what the booklet for
XYZ(64.0589, 67.3366, 74.5362)
contains.

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Color

**XYZ(64.1728, 67.3471,
74.5828)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D6D8
RGB	214, 214, 216
RGB Percent	84%, 84%, 85%
CMY	0.1608, 0.1608, 0.1529
CMYK	0.01, 0.01, 0.00, 0.15
HSL	240°, 3%, 84%
HSV	240°, 1%, 85%
XYZ	64.1728, 67.3471, 74.5828
YIQ	214.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

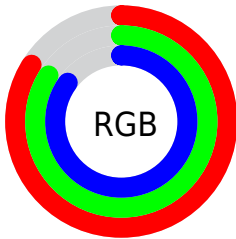
Format	Color
RYB	214, 214, 216
Decimal	14079704
CIELab	85.68, 0.37, -0.99
CIELCh	86, 1.059, 290.335
Yxy	67.3471, 0.3114, 0.3268
Android (android.graphics.Color)	4292269784 (0xFFD6D6D8)
YUV	214.2280, 0.8736, -0.2000
Hunter-Lab	82.0653, -4.0321, 3.5616

Details

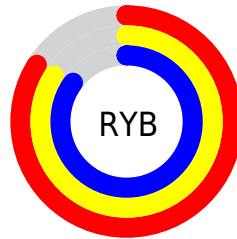
The XYZ color **64.1728, 67.3471, 74.5828** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0125, 68.5651, 73.4272**, and the grayscale version is **64.0662, 67.4027, 73.4015**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1292, 34.7404, 38.6777** is the 20% darker color. If you saturate the color by 10%, you get **53.1817, 54.1105, 72.6082**, and if you desaturate by 10%, it is **76.7261, 82.4653, 76.8403**.

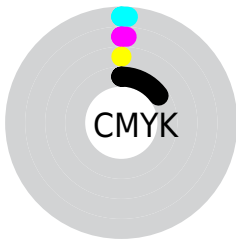
Distribution



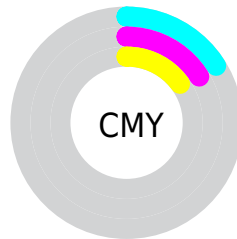
- Red (84%)
- Green (84%)
- Blue (85%)



- 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 64.1728, 67.3471, 74.5828 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 64.1728, 67.3471, 74.5828 by changing the saturation by 10% instead.

■ 64.1728, 67.3471,
74.5828

■ 64.1728, 67.3471,
74.5828

429.4057,
451.1793, 495.6995

■ 47.0528, 49.3668,
54.7715

109.9321,
115.4176, 127.4633

■ 33.2856, 34.9105,
38.8214

139.3022,
146.2766, 161.3695

■ 22.5056, 23.5939,
26.3141

173.4863,
182.1972, 200.8112

■ 14.3475, 15.0327,
16.8309

212.8499,
223.5640, 246.2068

■ 8.4461, 8.8423,
9.9533

257.7583,
270.7611, 297.9749

■ 4.4359, 4.6385,
5.2628

308.5768,

■ 1.9516, 2.0367,

324.1731, 356.5340

2.3409

365.6708,
384.1844, 422.3027

■ 0.6065, 0.6287,
0.7540

■ 0.0000, 0.0000,
0.0000

■ 64.1728, 67.3471,
74.5828

■ 64.1728, 67.3471,
74.5828

■ 53.1817, 54.1105,
72.6082

■ 76.7261, 82.4653,
76.8403

■ 43.6862, 42.6735,
70.9011

■ 89.3949, 97.7379,
79.1205

■ 35.6234, 32.9613,
69.4514

■ 28.9239, 24.8900,
68.2466

■ 23.5124, 18.3692,
67.2732

■ 19.3061, 13.2995,
66.5163

■ 16.2130, 9.5701,
65.9595

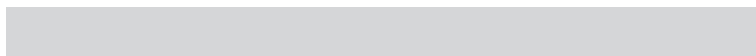
■ 14.1276, 7.0541,
65.5838

■ 12.9243, 5.6006,
65.3666

Harmonies

Analogous

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



63.9335, 67.3471, 74.6475



64.1728, 67.3471, 74.5828



64.3693, 67.3471, 74.1811

Triad

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



64.1728, 67.3471, 74.5828



64.3081, 67.3471, 72.3112



63.5550, 67.3471, 73.1067

Complementary

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



64.1728, 67.3471, 74.5828



65.0125, 68.5651, 73.4272

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.



63.6548, 67.3471, 72.4845



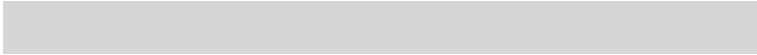
64.1728, 67.3471, 74.5828



64.0893, 67.3471, 72.0272

Square

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



64.1728, 67.3471, 74.5828



64.4475, 67.3471, 72.8687



63.8503, 67.3471, 72.0904



63.5773, 67.3471, 73.7924

Rectangle

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



64.1728, 67.3471, 74.5828



64.4494, 67.3471, 73.7777



63.8503, 67.3471, 72.0904



63.5754, 67.3471, 72.8832

Sweetspot

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



64.1747, 67.3500, 74.5843

95.0500, 100.0000, 108.9000



64.6788, 68.3651, 74.7310



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.



64.1747, 67.3500, 74.5843



93.3113, 97.9061, 108.5875



64.4568, 67.4941, 74.5972



13.7636, 14.4440, 16.0001



7.3396, 2.9409, 38.6340



0.4433, 0.1786, 2.3304

Inverse Universe

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



64.5046, 67.5484, 73.2601



93.8347, 98.2209, 106.4863



64.7286, 68.4200, 73.4142



13.8356, 14.4873, 15.7112



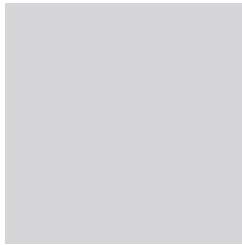
16.7635, 8.6417, 0.7929



1.0114, 0.5214, 0.0495

Previews

White Background



This preview shows how the XYZ color 64.1728, 67.3471, 74.5828 looks on a white background.

Color Contrast Check

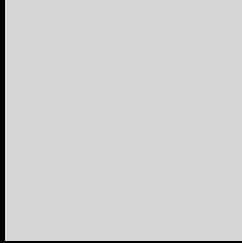
Large Text (above 18pt) WCAG AA × Fail

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 64.1728, 67.3471, 74.5828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

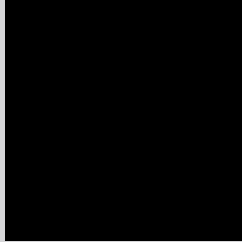
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

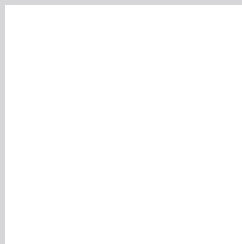
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1728, 67.3471, 74.5828

Background



This preview shows how black text looks on a background with the XYZ color 64.1728, 67.3471, 74.5828.

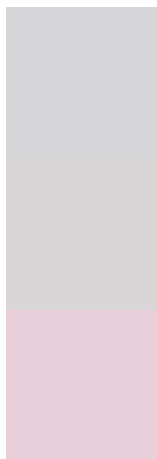


This preview shows how white text looks on a background with the XYZ color 64.1728, 67.3471,

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

64.1728, 67.3471, 74.5828

Protanopia

64.6753, 67.2465, 73.8611

Deuteranopia

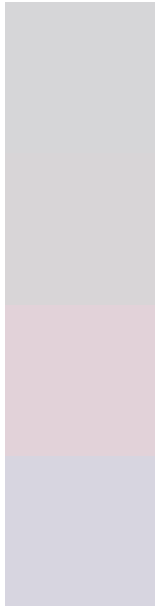
68.4415, 66.9590, 74.9628



Tritanopia

66.0052, 67.3430, 83.6484

Trichromacy



Original Color

64.1728, 67.3471, 74.5828

Protanomaly

64.3789, 67.0937, 73.8472

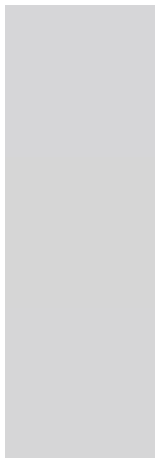
Deuteranomaly

66.9350, 67.2717, 75.1025

Tritanomaly

65.2731, 67.4174, 80.0936

Monochromacy



Original Color

64.1728, 67.3471, 74.5828

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 64.1728, 67.3471, 74.5828 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, 214, 216) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 64.1728, 67.3471, 74.5828 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, 214, 216) }
```

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

```
.border{ border-color:rgb(214, 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(214, 214, 216) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 64.1728, 67.3471, 74.5828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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