

Converting Colors

XYZ(64.1399, 67.5539, 74.4243)

Have a look what the booklet for
XYZ(64.1399, 67.5539, 74.4243)
contains.

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Color

**XYZ(64.4267, 67.8549,
74.6674)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D7D8
RGB	214, 215, 216
RGB Percent	84%, 84%, 85%
CMY	0.1608, 0.1568, 0.1529
CMYK	0.01, 0.00, 0.00, 0.15
HSL	210°, 2%, 84%
HSV	210°, 1%, 85%
XYZ	64.4267, 67.8549, 74.6674
YIQ	214.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

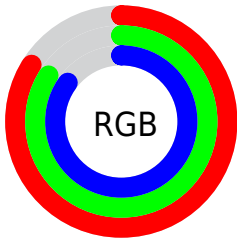
Format	Color
R_{YB}	214, 215, 216
Decimal	14079960
CIE _{Lab}	85.93, -0.15, -0.62
CIE _{LCh}	86, 0.639, 256.143
Yxy	67.8549, 0.3113, 0.3279
Android (android.graphics.Color)	4292270040 (0xFFD6D7D8)
YUV	214.8150, 0.5842, -0.7148
Hunter-Lab	82.3741, -4.5456, 3.9189

Details

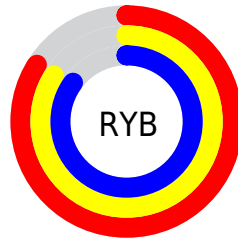
The XYZ color **64.4267, 67.8549, 74.6674** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.7571, 68.0541, 73.3421**, and the grayscale version is **64.4645, 67.8216, 73.8578**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3019, 35.0857, 38.7352** is the 20% darker color. If you saturate the color by 10%, you get **55.8857, 59.5185, 73.5095**, and if you desaturate by 10%, it is **73.9878, 76.9886, 75.9275**.

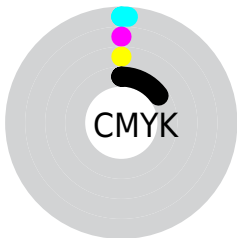
Distribution



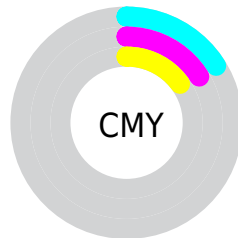
- Red (84%)
- Green (84%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4267, 67.8549, 74.6674 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 64.4267, 67.8549, 74.6674 by changing the saturation by 10% instead.

■ 64.4267, 67.8549,
74.6674

■ 64.4267, 67.8549,
74.6674

430.3068,
452.9817, 495.9985

■ 47.2593, 49.7797,
54.8404

110.2955,
116.1445, 127.5842

■ 33.4495, 35.2384,
38.8762

139.7277,
147.1278, 161.5111

■ 22.6319, 23.8466,
26.3563

173.9789,
183.1825, 200.9749

■ 14.4411, 15.2198,
16.8623

213.4143,
224.6930, 246.3944

■ 8.5119, 8.9738,
9.9754

258.3995,
272.0438, 298.1879

■ 4.4787, 4.7241,
5.2773

309.2997,

■ 1.9764, 2.0863,

325.6193, 356.7741

2.3493

366.4804,
385.8038, 422.5714

■ 0.6206, 0.6569,
0.7586

■ 0.0000, 0.0000,
0.0000

■ 64.4267, 67.8549,
74.6674

■ 64.4267, 67.8549,
74.6674

■ 55.8857, 59.5185,
73.5095

■ 73.9878, 76.9886,
75.9275

■ 48.3229, 51.9469,
72.4466

■ 83.7827, 86.5135,
77.2497

■ 41.7019, 45.1182,
71.4775

■ 86.9843, 92.9169,
78.3170

■ 35.9817, 39.0056,
70.5992

■ 89.3949, 97.7379,
79.1205

■ 31.1182, 33.5809,
69.8084

■ 27.0630, 28.8133,
69.1019

■ 23.7626, 24.6692,
68.4760

■ 21.1560, 21.1109,
67.9265

■ 19.1715, 18.0949,
67.4490

Harmonies

Analogous

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



64.2993, 67.8549, 74.4649



64.4267, 67.8549, 74.6674



64.5723, 67.8549, 74.6590

Triad

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



64.4267, 67.8549, 74.6674



64.7646, 67.8549, 73.6587



64.2914, 67.8549, 73.3257

Complementary

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



64.4267, 67.8549, 74.6674



64.7571, 68.0541, 73.3421

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.



64.4159, 67.8549, 73.1113



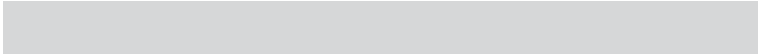
64.4267, 67.8549, 74.6674



64.6891, 67.8549, 73.3031

Square

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



64.4267, 67.8549, 74.6674



64.7675, 67.8549, 74.0756



64.5614, 67.8549, 73.1030



64.2213, 67.8549, 73.6897

Rectangle

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



64.4267, 67.8549, 74.6674



64.6601, 67.8549, 74.5349



64.5614, 67.8549, 73.1030



64.3283, 67.8549, 73.2338

Sweetspot

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



64.4286, 67.8578, 74.6689

95.0500, 100.0000, 108.9000



64.5499, 68.3135, 74.0523



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.



64.4286, 67.8578, 74.6689



93.7141, 98.7116, 108.7217



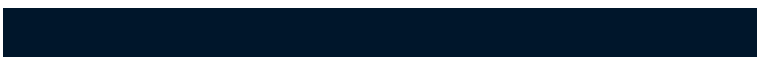
64.1823, 67.3651, 74.5868



13.8190, 14.5548, 16.0185



10.6426, 9.5470, 39.7350



0.7247, 0.7414, 2.4242

Inverse Universe

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



64.6327, 67.5997, 73.9350



94.0380, 98.3022, 107.5569



65.0049, 68.5497, 73.4247



13.8635, 14.4985, 15.8584



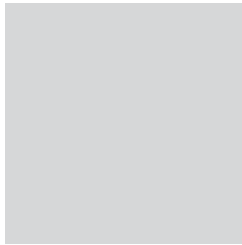
18.4308, 9.3086, 9.5724



1.1534, 0.5782, 0.7974

Previews

White Background



This preview shows how the XYZ color 64.4267, 67.8549, 74.6674 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 64.4267, 67.8549, 74.6674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

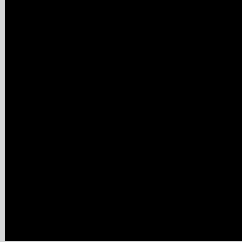
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

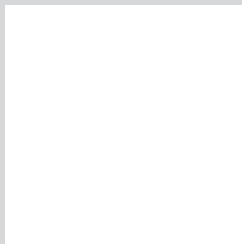
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.4267, 67.8549, 74.6674

Background



This preview shows how black text looks on a background with the XYZ color 64.4267, 67.8549, 74.6674.

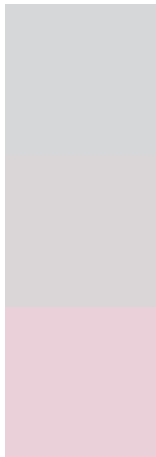


This preview shows how white text looks on a background with the XYZ color 64.4267, 67.8549,

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

64.4267, 67.8549, 74.6674

Protanopia

65.2258, 67.9049, 73.9592

Deuteranopia

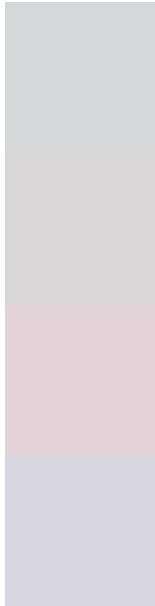
69.0119, 67.6139, 75.0591



Tritanopia

66.3961, 67.9006, 84.4696

Trichromacy



Original Color

64.4267, 67.8549, 74.6674

Protanomaly

64.9276, 67.7511, 73.9452

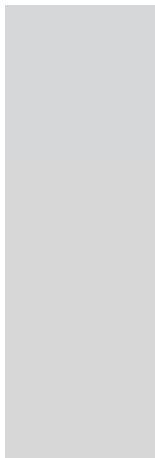
Deuteranomaly

67.4972, 67.9292, 75.1998

Tritanomaly

65.6615, 67.9765, 80.8942

Monochromacy



Original Color

64.4267, 67.8549, 74.6674

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.5905, 67.9542, 74.0022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4267, 67.8549, 74.6674 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, 215, 216) looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 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, 215, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 216) }
```

Border

The CSS property to change the border of an element to XYZ 64.4267, 67.8549, 74.6674 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, 215, 216) }
```

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

```
.border{ border-color:rgb(214, 215, 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, 215, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 216);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
216) }
```


Background

The CSS property to change the background color of an element to XYZ 64.4267, 67.8549, 74.6674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 215, 216) }
```

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

```
.background{ background-color: rgb(214,  
215, 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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