

Converting Colors

XYZ(64.4626, 68.1086, 74.7525)

Have a look what the booklet for
XYZ(64.4626, 68.1086, 74.7525)
contains.

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Color

**XYZ(64.6821, 68.3657,
74.7525)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D8D8
RGB	214, 216, 216
RGB Percent	84%, 85%, 85%
CMY	0.1608, 0.1529, 0.1529
CMYK	0.01, 0.00, 0.00, 0.15
HSL	180°, 3%, 84%
HSV	180°, 1%, 85%
XYZ	64.6821, 68.3657, 74.7525
YIQ	215.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

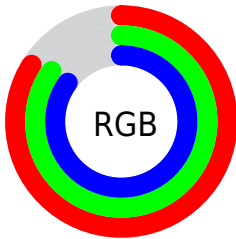
Format	Color
RYB	214, 215, 216
Decimal	14080216
CIELab	86.19, -0.67, -0.25
CIELCh	86, 0.717, 200.172
Yxy	68.3657, 0.3113, 0.3290
Android (android.graphics.Color)	4292270296 (0xFFD6D8D8)
YUV	215.4020, 0.2948, -1.2296
Hunter-Lab	82.6836, -5.0584, 4.2756

Details

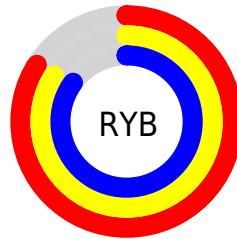
The XYZ color **64.6821, 68.3657, 74.7525** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5056, 67.5490, 73.2602**, and the grayscale version is **64.8640, 68.2420, 74.3156**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4760, 35.4339, 38.7933** is the 20% darker color. If you saturate the color by 10%, you get **58.7870, 65.3292, 74.4522**, and if you desaturate by 10%, it is **71.4171, 71.8391, 75.0949**.

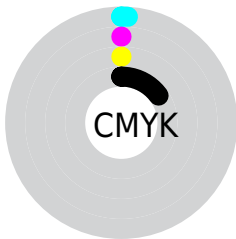
Distribution



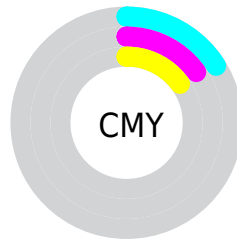
- Red (84%)
- Green (85%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6821, 68.3657, 74.7525 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 64.6821, 68.3657, 74.7525 by changing the saturation by 10% instead.

■ 64.6821, 68.3657,
74.7525

■ 64.6821, 68.3657,
74.7525

431.2120,
454.7906, 496.2992

■ 47.4671, 50.1953,
54.9096

110.6609,
116.8752, 127.7058

■ 33.6146, 35.5686,
38.9313

140.1555,
147.9830, 161.6534

■ 22.7591, 24.1012,
26.3988

174.4739,
184.1721, 201.1396

■ 14.5355, 15.4087,
16.8938

213.9816,
225.8269, 246.5830

■ 8.5782, 9.1067,
9.9977

259.0439,
273.3318, 298.4021

■ 4.5220, 4.8109,
5.2918

310.0262,

■ 2.0015, 2.1367,

327.0711, 357.0154

2.3578

367.2937,
387.4292, 422.8416

■ 0.6348, 0.6852,
0.7633

■ 0.0000, 0.0000,
0.0000

■ 64.6821, 68.3657,
74.7525

■ 64.6821, 68.3657,
74.7525

■ 58.7870, 65.3292,
74.4522

■ 71.4171, 71.8391,
75.0949

■ 53.6933, 62.7038,
74.1881


■ 78.2019, 75.3362,
75.4382


■ 49.3682, 60.4747,
73.9599


■ 78.2068, 75.3382,
75.4643


■ 45.7742, 58.6225,
73.7659


■ 78.2118, 75.3402,
75.4903


 42.8711, 57.1265,
73.6043


 78.2167, 75.3421,
75.5164


 40.6143, 55.9637,
73.4729


 78.2217, 75.3441,
75.5424


 38.9545, 55.1085,
73.3695

 78.2266, 75.3461,
75.5685

 37.8349, 54.5319,
73.2913

 78.2316, 75.3481,
75.5945

 37.1879, 54.1990,
73.2353

 78.2365, 75.3501,
75.6206

Harmonies

Analogous

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



64.6673, 68.3657, 74.2836



64.6821, 68.3657, 74.7525



64.7765, 68.3657, 75.1388

Triad

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



64.6821, 68.3657, 74.7525



65.2236, 68.3657, 75.0223



65.0337, 68.3657, 73.5466

Complementary

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



64.6821, 68.3657, 74.7525



64.5056, 67.5490, 73.2602

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.



65.1830, 68.3657, 73.7428



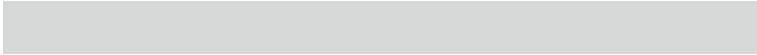
64.6821, 68.3657, 74.7525



65.2928, 68.3657, 74.5939

Square

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



64.6821, 68.3657, 74.7525



65.0891, 68.3657, 75.2951



65.2779, 68.3657, 74.1256



64.8702, 68.3657, 73.5887

Rectangle

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



64.6821, 68.3657, 74.7525



64.8720, 68.3657, 75.2969



65.2779, 68.3657, 74.1256



65.0873, 68.3657, 73.5869

Sweetspot

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



64.6840, 68.3686, 74.7540

95.0500, 100.0000, 108.9000



64.4367, 68.2708, 73.4008



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.



64.6840, 68.3686, 74.7540



94.1173, 99.5193, 108.8526



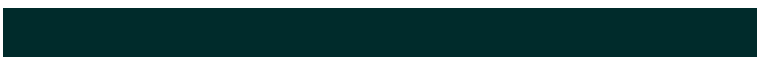
64.4371, 67.8741, 74.6740



13.8744, 14.6658, 16.0365



21.8422, 31.9922, 43.3264



1.3177, 1.9297, 2.6149

Inverse Universe

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



64.5056, 67.5490, 73.2602



93.8347, 98.2209, 106.4865



64.7510, 68.0404, 73.3398



13.8356, 14.4873, 15.7112



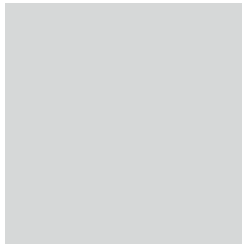
16.7636, 8.6418, 0.7932



1.0114, 0.5214, 0.0495

Previews

White Background



This preview shows how the XYZ color 64.6821, 68.3657, 74.7525 looks on a white background.

Color Contrast Check

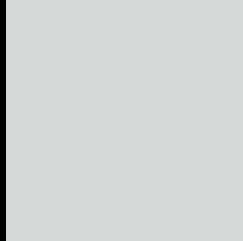
Large Text (above 18pt) WCAG AA × Fail

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 64.6821, 68.3657, 74.7525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

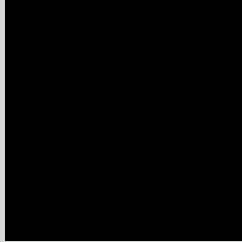
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

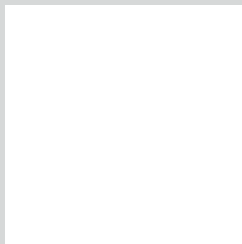
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6821, 68.3657, 74.7525

Background



This preview shows how black text looks on a background with the XYZ color 64.6821, 68.3657, 74.7525.

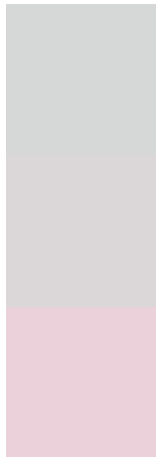


This preview shows how white text looks on a background with the XYZ color 64.6821, 68.3657,

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

64.6821, 68.3657, 74.7525

Protanopia

65.5257, 68.0595, 73.9732

Deuteranopia

69.5858, 68.2729, 75.1561



Tritanopia

66.7893, 68.4616, 85.2955

Trichromacy



Original Color

64.6821, 68.3657, 74.7525

Protanomaly

65.1815, 68.2589, 74.0298

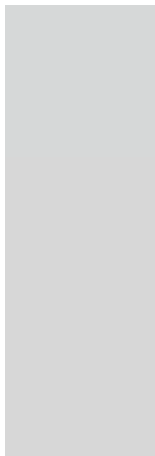
Deuteranomaly

67.7464, 68.4276, 75.2829

Tritanomaly

66.0522, 68.5389, 81.6995

Monochromacy



Original Color

64.6821, 68.3657, 74.7525

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 64.6821, 68.3657, 74.7525 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, 216, 216) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 64.6821, 68.3657, 74.7525 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, 216, 216) }
```

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

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

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


Background

The CSS property to change the background color of an element to XYZ 64.6821, 68.3657, 74.7525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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