

Converting Colors

XYZ(64.1941, 69.5248, 68.5192)

Have a look what the booklet for
XYZ(64.1941, 69.5248, 68.5192)
contains.

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Color

**XYZ(64.2037, 69.4154,
68.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DBCE
RGB	214, 219, 206
RGB Percent	84%, 86%, 81%
CMY	0.1608, 0.1412, 0.1922
CMYK	0.02, 0.00, 0.06, 0.14
HSL	83°, 15%, 83%
HSV	83°, 6%, 86%
XYZ	64.2037, 69.4154, 68.4071
YIQ	216.0230, 1.1930, -5.1030

Conversions

Conversions Part 2

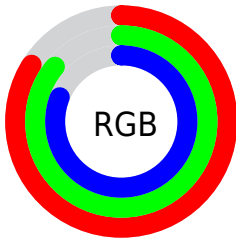
Format	Color
R_{YB}	206, 219, 211
Decimal	14080974
CIE Lab	86.71, -4.00, 5.79
CIE LCh	87, 7.039, 124.656
Yxy	69.4154, 0.3178, 0.3436
Android (android.graphics.Color)	4292271054 (0xFFD6DBCE)
YUV	216.0230, -4.9413, -1.7742
Hunter-Lab	83.3159, -8.2497, 9.6407

Details

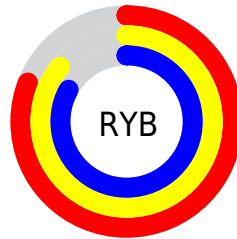
The XYZ color **64.2037, 69.4154, 68.4071** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7240, 63.1078, 75.9492**, and the grayscale version is **65.3196, 68.7213, 74.8375**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2410, 36.1888, 34.9389** is the 20% darker color. If you saturate the color by 10%, you get **59.3308, 67.1916, 55.2452**, and if you desaturate by 10%, it is **69.5785, 71.8591, 83.5305**.

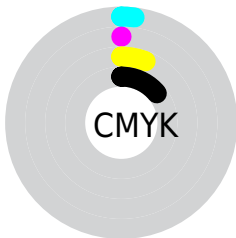
Distribution



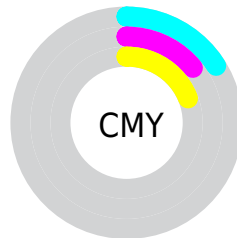
- Red (84%)
- Green (86%)
- Blue (81%)



- Red (81%)
- Yellow (86%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2037, 69.4154, 68.4071 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 64.2037, 69.4154, 68.4071 by changing the saturation by 10% instead.

■ 64.2037, 69.4154,
68.4071

■ 64.2037, 69.4154,
68.4071

429.5154,
458.4947, 473.5742

■ 47.0780, 51.0501,
49.7602

109.9763,
118.3747, 118.5941

■ 33.3055, 36.2485,
34.8531

139.3540,
149.7375, 150.9712

■ 22.5209, 24.6262,
23.2671

173.5463,
186.2015, 188.7623

■ 14.3589, 15.7987,
14.5837

212.9186,
228.1512, 232.3857

■ 8.4541, 9.3819,
8.3844

257.8363,
275.9710, 282.2601

■ 4.4411, 4.9911,
4.2506

308.6648,

■ 1.9546, 2.2420,

330.0453, 338.8039

1.7638

365.7694,
390.7584, 402.4358

■ 0.6083, 0.7428,
0.4039

■ 0.0000, 0.0000,
0.0000

■ 64.2037, 69.4154,
68.4071

■ 64.2037, 69.4154,
68.4071

■ 59.3308, 67.1916,
55.2452

■ 69.5785, 71.8591,
83.5305

■ 54.9368, 65.1717,
43.9599

■ 75.4657, 74.5204,
100.6867

■ 51.0056, 63.3511,
34.4668

■ 79.0750, 76.2857,
105.1647

■ 47.5174, 61.7218,
26.6733

■ 81.9915, 77.7892,
105.3011

■ 44.4511, 60.2750,
20.4786

■ 84.6229, 79.1457,
105.4243

■ 41.7834, 59.0012,
15.7709

■ 39.4884, 57.8897,
12.4244

■ 37.5358, 56.9283,
10.2923

■ 35.8889, 56.1019,
9.1927

Harmonies

Analogous

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



65.7221, 69.4154, 66.9491



64.2037, 69.4154, 68.4071



63.1736, 69.4154, 71.7887

Triad

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



64.2037, 69.4154, 68.4071



64.6392, 69.4154, 84.0237



69.1641, 69.4154, 74.8522

Complementary

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



64.2037, 69.4154, 68.4071



61.7240, 63.1078, 75.9492

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.



68.8627, 69.4154, 79.5058



64.2037, 69.4154, 68.4071



66.2331, 69.4154, 84.9259

Square

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



64.2037, 69.4154, 68.4071



63.4221, 69.4154, 80.8238



67.7832, 69.4154, 83.2409



68.6001, 69.4154, 70.5710

Rectangle

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



64.2037, 69.4154, 68.4071



62.8930, 69.4154, 74.7453



67.7832, 69.4154, 83.2409



69.1607, 69.4154, 76.4241

Sweetspot

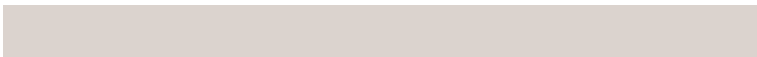
The Sweet Spot groups the original color and five complimentary colors.



64.2056, 69.4184, 68.4086



93.5213, 99.3056, 104.5991



63.6466, 66.0989, 67.7973



20.0335, 21.2628, 22.4335



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.



64.2056, 69.4184, 68.4086



89.8260, 97.6237, 94.3446



62.3509, 68.4623, 68.3218



13.8578, 15.0947, 14.4638



21.0451, 33.1466, 5.2887



1.4585, 2.1964, 0.3471

Inverse Universe

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



61.7240, 63.1078, 75.9492



85.6923, 87.1117, 106.9055



63.6191, 64.0847, 76.0379



13.1757, 13.3601, 16.5365



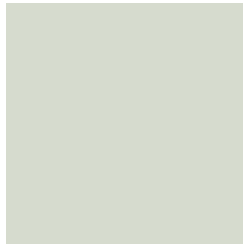
9.8774, 4.2162, 40.0316



0.7344, 0.3218, 2.5979

Previews

White Background



This preview shows how the XYZ color 64.2037, 69.4154, 68.4071 looks on a white background.

Color Contrast Check

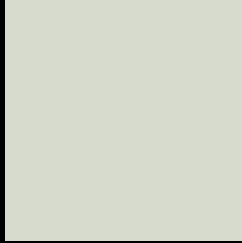
Large Text (above 18pt) WCAG AA × Fail

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 64.2037, 69.4154, 68.4071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

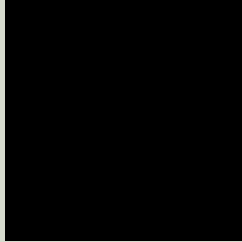
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

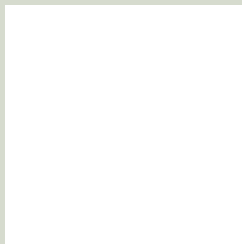
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2037, 69.4154, 68.4071

Background



This preview shows how black text looks on a background with the XYZ color 64.2037, 69.4154, 68.4071.



This preview shows how white text looks on a background with the XYZ color 64.2037, 69.4154,

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

64.2037, 69.4154, 68.4071

Protanopia

66.1954, 69.3187, 67.0177

Deuteranopia

70.7074, 69.3480, 69.3333



Tritanopia

67.7794, 69.3325, 86.1541

Trichromacy



Original Color

64.2037, 69.4154, 68.4071

Protanomaly

65.3475, 69.2491, 67.6798

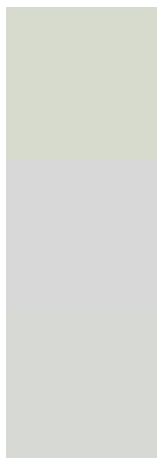
Deuteranomaly

68.0117, 69.0824, 68.7811

Tritanomaly

66.4904, 69.1912, 79.6628

Monochromacy



Original Color

64.2037, 69.4154, 68.4071

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.7209, 68.8262, 72.1610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2037, 69.4154, 68.4071 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, 219, 206) looks like.

```
.text, #text, p{  
    color:rgb(214, 219, 206)  
}
```

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, 219, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 219, 206) }
```

Border

The CSS property to change the border of an element to XYZ 64.2037, 69.4154, 68.4071 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, 219, 206) }
```


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

```
.border{ border-color:rgb(214, 219, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 219, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 219, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 219, 206);  
box-shadow:4px 4px 4px 4px rgb(214, 219,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2037, 69.4154, 68.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 219, 206) }
```

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

```
.background{ background-color: rgb(214,  
219, 206) }
```

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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