

Converting Colors

XYZ(61.8430, 64.4053, 71.7809)

Have a look what the booklet for
XYZ(61.8430, 64.4053, 71.7809)
contains.

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Color

**XYZ(61.8355, 64.3514,
71.4493)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D1D4
RGB	212, 209, 212
RGB Percent	83%, 82%, 83%
CMY	0.1686, 0.1804, 0.1686
CMYK	0.00, 0.01, 0.00, 0.17
HSL	300°, 3%, 83%
HSV	300°, 1%, 83%
XYZ	61.8355, 64.3514, 71.4493
YIQ	210.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

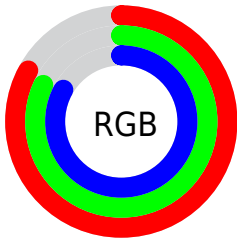
Format	Color
RYB	212, 209, 212
Decimal	13947348
CIELab	84.15, 1.57, -1.13
CIELCh	84, 1.936, 324.382
Yxy	64.3514, 0.3129, 0.3256
Android (android.graphics.Color)	4292137428 (0xFFD4D1D4)
YUV	210.2390, 0.8682, 1.5444
Hunter-Lab	80.2193, -2.7906, 3.3454

Details

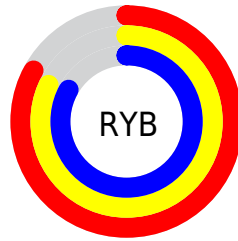
The XYZ color **61.8355, 64.3514, 71.4493** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3490, 65.2474, 69.6855**, and the grayscale version is **61.4112, 64.6093, 70.3596**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7118, 33.0451, 36.6052** is the 20% darker color. If you saturate the color by 10%, you get **56.9771, 54.6339, 69.8302**, and if you desaturate by 10%, it is **67.3897, 75.4587, 73.3019**.

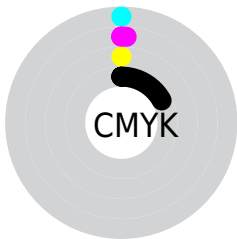
Distribution



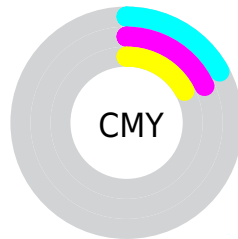
- Red (83%)
- Green (82%)
- Blue (83%)



- Red (83%)
- Yellow (82%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8355, 64.3514, 71.4493 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 61.8355, 64.3514, 71.4493 by changing the saturation by 10% instead.

■ 61.8355, 64.3514,
71.4493

■ 61.8355, 64.3514,
71.4493

421.0579,
440.4575, 484.5485

■ 45.1549, 46.9353,
52.2249

106.5790,
111.1169, 122.9737

■ 31.7812, 32.9845,
36.8009

135.3727,
141.2350, 156.1107

■ 21.3492, 22.1146,
24.7588

168.9347,
176.3561, 194.7223

■ 13.4934, 13.9411,
15.6800

207.6304,
216.8643, 239.2271

■ 7.8485, 8.0797,
9.1461

251.8253,
263.1442, 290.0436

■ 4.0492, 4.1460,
4.7385

301.8846,

■ 1.7300, 1.7556,

315.5801, 347.5902

2.0386

358.1737,
374.5564, 412.2857

■ 0.4749, 0.4593,
0.5789

■ 0.0000, 0.0000,
0.0000

■ 61.8355, 64.3514,
71.4493

■ 61.8355, 64.3514,
71.4493

■ 56.9771, 54.6339,
69.8302

■ 67.3897, 75.4587,
73.3019

■ 52.7819, 46.2435,
68.4314

■ 73.6597, 87.9987,
75.3923

■ 49.2227, 39.1254,
67.2446

■ 74.7959, 90.2709,
75.7715

■ 46.2686, 33.2173,
66.2595

■ 74.7960, 90.2709,
75.7719

43.8859, 28.4520,
65.4648

74.7961, 90.2710,
75.7724

42.0377, 24.7557,
64.8483

74.7962, 90.2710,
75.7728

40.6827, 22.0459,
64.3962

74.7962, 90.2710,
75.7733

39.7738, 20.2282,
64.0929

74.7963, 90.2711,
75.7737

39.2545, 19.1897,
63.9193

74.7964, 90.2711,
75.7742

Harmonies

Analogous

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



61.5044, 64.3514, 72.2364



61.8355, 64.3514, 71.4493



61.9867, 64.3514, 70.2987

Triad

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



61.8355, 64.3514, 71.4493



61.2447, 64.3514, 67.7483



60.4176, 64.3514, 71.0452

Complementary

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



61.8355, 64.3514, 71.4493



61.3490, 65.2474, 69.6855

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.



60.3487, 64.3514, 69.8373



61.8355, 64.3514, 71.4493



60.8250, 64.3514, 67.9429

Square

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



61.8355, 64.3514, 71.4493



61.6446, 64.3514, 68.1692



60.4975, 64.3514, 68.7041



60.6861, 64.3514, 72.0012

Rectangle

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



61.8355, 64.3514, 71.4493



61.9647, 64.3514, 69.4840



60.4975, 64.3514, 68.7041



60.3704, 64.3514, 70.6548

Sweetspot

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



61.8373, 64.3542, 71.4507

95.0500, 100.0000, 108.9000



60.9814, 63.9129, 71.4107



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.



61.8373, 64.3542, 71.4507



93.4445, 96.7891, 108.3647



61.6492, 64.2789, 70.4598



13.7818, 14.2902, 15.9694



24.0978, 11.5754, 39.4146



1.4535, 0.6982, 2.3773

Inverse Universe

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



61.8373, 64.3542, 71.4507



93.4445, 96.7891, 108.3647



61.5354, 65.3220, 70.6671



13.7818, 14.2902, 15.9694



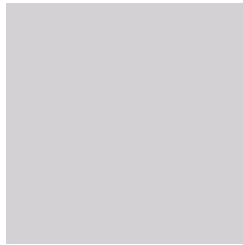
24.0978, 11.5754, 39.4146



1.4535, 0.6982, 2.3773

Previews

White Background



This preview shows how the XYZ color 61.8355, 64.3514, 71.4493 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 61.8355, 64.3514, 71.4493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

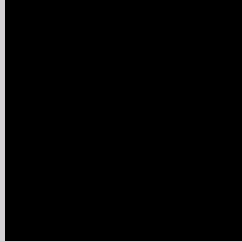
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

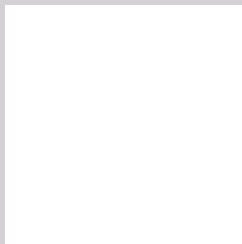
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8355, 64.3514, 71.4493

Background



This preview shows how black text looks on a background with the XYZ color 61.8355, 64.3514, 71.4493.

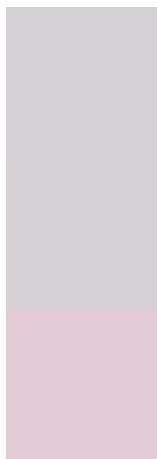


This preview shows how white text looks on a background with the XYZ color 61.8355, 64.3514,

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

61.8355, 64.3514, 71.4493

Protanopia

62.1247, 64.5005, 71.4629

Deuteranopia

65.3611, 64.0099, 71.8610



Tritanopia

63.4989, 64.3036, 79.5861

Trichromacy



Original Color

61.8355, 64.3514, 71.4493

Protanomaly

62.1247, 64.5005, 71.4629

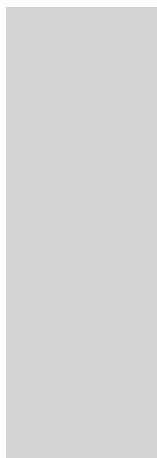
Deuteranomaly

63.9658, 63.9963, 71.9320

Tritanomaly

62.9147, 64.4252, 76.8295

Monochromacy



Original Color

61.8355, 64.3514, 71.4493

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.6684, 64.6452, 70.8555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8355, 64.3514, 71.4493 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(212, 209, 212) looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 212)  
}
```

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(212, 209, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 212) }
```

Border

The CSS property to change the border of an element to XYZ 61.8355, 64.3514, 71.4493 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(212, 209, 212) }
```

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

```
.border{ border-color:rgb(212, 209, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 209, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 212);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
212) }
```


Background

The CSS property to change the background color of an element to XYZ 61.8355, 64.3514, 71.4493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 212) }
```

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

```
.background{ background-color: rgb(212,  
209, 212) }
```

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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