

Converting Colors

XYZ(65.2639, 72.0514, 70.5905)

Have a look what the booklet for
XYZ(65.2639, 72.0514, 70.5905)
contains.

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Color

**XYZ(65.3157, 71.9118,
70.7595)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E0D1
RGB	212, 224, 209
RGB Percent	83%, 88%, 82%
CMY	0.1686, 0.1215, 0.1804
CMYK	0.05, 0.00, 0.07, 0.12
HSL	108°, 19%, 85%
HSV	108°, 7%, 88%
XYZ	65.3157, 71.9118, 70.7595
YIQ	218.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

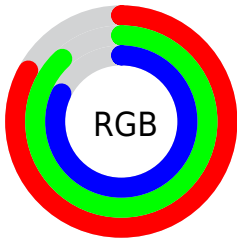
Format	Color
RYB	209, 224, 221
Decimal	13951185
CIELab	87.93, -6.73, 5.95
CIElCh	88, 8.981, 138.532
Yxy	71.9118, 0.3140, 0.3458
Android (android.graphics.Color)	4292141265 (0xFFD4E0D1)
YUV	218.7020, -4.7831, -5.8777
Hunter-Lab	84.8008, -10.9163, 9.8878

Details

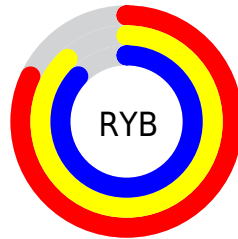
The XYZ color **65.3157, 71.9118, 70.7595** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0766, 66.3569, 79.8502**, and the grayscale version is **67.1604, 70.6580, 76.9466**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0090, 37.9106, 36.5354** is the 20% darker color. If you saturate the color by 10%, you get **57.8527, 68.3648, 56.9367**, and if you desaturate by 10%, it is **73.7462, 75.9167, 86.6660**.

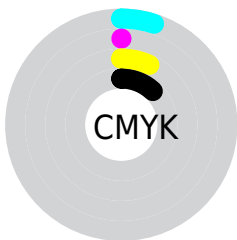
Distribution



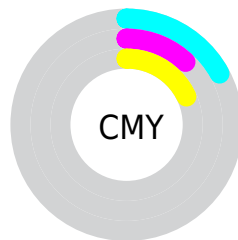
- Red (83%)
- Green (88%)
- Blue (82%)



- Red (82%)
- Yellow (88%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (17%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3157, 71.9118, 70.7595 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 65.3157, 71.9118, 70.7595 by changing the saturation by 10% instead.

65.3157, 71.9118,
70.7595

65.3157, 71.9118,
70.7595

433.4529,
467.2346, 482.0733

47.9828, 53.0866,
51.6653

111.5668,
121.9311, 121.9825

34.0244, 37.8719,
36.3580

141.2157,
153.8941, 154.9484

23.0753, 25.8833,
24.4189

175.7006,
191.0051, 193.3752

14.7702, 16.7364,
15.4296

215.3869,
233.6485, 237.6816

8.7435, 10.0467,
8.9715

260.6399,
282.2088, 288.2861

4.6300, 5.4299,
4.6260

311.8250,

2.0644, 2.5017,

337.0703, 345.6071

1.9747

369.3075,
398.6174, 410.0634

■ 0.6697, 0.8775,
0.5396

■ 0.0000, 0.0000,
0.0000

■ 65.3157, 71.9118,
70.7595

■ 65.3157, 71.9118,
70.7595

■ 57.8527, 68.3648,
56.9367

■ 73.7462, 75.9167,
86.6660

■ 51.3163, 65.2502,
45.1070

■ 83.1713, 80.3853,
104.7327

■ 45.6716, 62.5542,
35.1796

■ 85.9470, 81.7941,
105.8657

■ 40.8792, 60.2584,
27.0554

■ 36.8965, 58.3434,
20.6258

■ 33.6771, 56.7879,
15.7710

■ 31.1699, 55.5684,
12.3552

■ 29.3167, 54.6584,
10.2198

■ 28.0480, 54.0265,
9.1623

Harmonies

Analogous

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



67.0517, 71.9118, 67.6592



65.3157, 71.9118, 70.7595



64.3999, 71.9118, 75.9823

Triad

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



65.3157, 71.9118, 70.7595



67.5360, 71.9118, 90.4138



72.3222, 71.9118, 74.6171

Complementary

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



65.3157, 71.9118, 70.7595



66.0766, 66.3569, 79.8502

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.



72.4584, 71.9118, 80.6638



65.3157, 71.9118, 70.7595



69.6649, 71.9118, 90.0012

Square

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



65.3157, 71.9118, 70.7595



65.6638, 71.9118, 87.4571



71.4769, 71.9118, 86.3574



71.1085, 71.9118, 69.8050

Rectangle

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



65.3157, 71.9118, 70.7595



64.3648, 71.9118, 80.0595



71.4769, 71.9118, 86.3574



72.4965, 71.9118, 76.5660

Sweetspot

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



65.3177, 71.9149, 70.7611



92.7544, 98.9102, 104.5632



68.1085, 72.1669, 70.6626



19.8773, 21.1823, 22.4262



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.



65.3177, 71.9149, 70.7611



86.1859, 95.7899, 92.2414



65.0262, 71.6993, 73.6980



13.7834, 15.4685, 14.5660



16.2148, 31.3915, 5.2046



1.1967, 2.2134, 0.3642

Inverse Universe

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



66.0766, 66.3569, 79.8502



87.3992, 86.9025, 106.7752



66.3956, 66.5910, 76.7202



14.0125, 13.7900, 17.3109



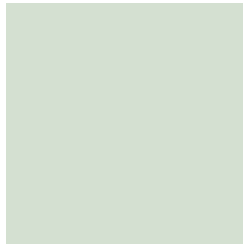
18.7770, 8.7752, 41.7525



1.3706, 0.6439, 2.8973

Previews

White Background



This preview shows how the XYZ color 65.3157, 71.9118, 70.7595 looks on a white background.

Color Contrast Check

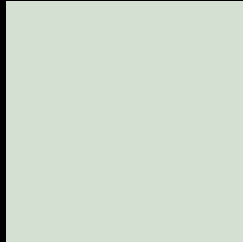
Large Text (above 18pt) WCAG AA × Fail

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 65.3157, 71.9118, 70.7595 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

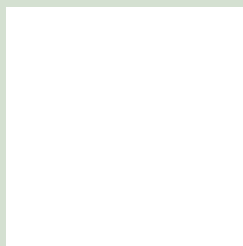
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3157, 71.9118, 70.7595

Background



This preview shows how black text looks on a background with the XYZ color 65.3157, 71.9118, 70.7595.



This preview shows how white text looks on a background with the XYZ color 65.3157, 71.9118,

70.7595.

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

65.3157, 71.9118, 70.7595

Protanopia

68.2726, 71.4989, 69.2338

Deuteranopia

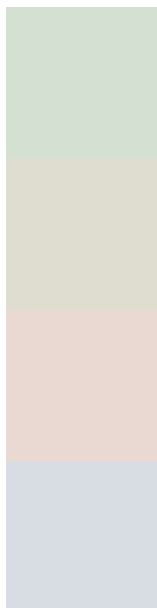
73.2083, 71.7041, 71.6098



Tritanopia

69.1982, 71.8998, 90.3517

Trichromacy



Original Color

65.3157, 71.9118, 70.7595

Protanomaly

67.3658, 71.7966, 69.9821

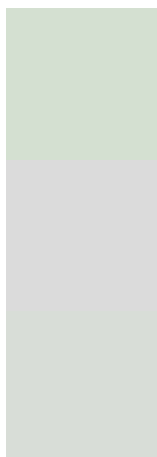
Deuteranomaly

70.0500, 71.6025, 71.1014

Tritanomaly

67.7459, 71.7060, 82.9431

Monochromacy



Original Color

65.3157, 71.9118, 70.7595

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.4411, 71.2181, 74.5346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3157, 71.9118, 70.7595 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, 224, 209) looks like.

```
.text, #text, p{  
    color:rgb(212, 224, 209)  
}
```

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, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 224, 209) }
```

Border

The CSS property to change the border of an element to XYZ 65.3157, 71.9118, 70.7595 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, 224, 209) }
```


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

```
.border{ border-color:rgb(212, 224, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 224, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 224, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 224, 209); box-shadow:4px 4px 4px 4px rgb(212, 224, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3157, 71.9118, 70.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 224, 209) }
```

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

```
.background{ background-color: rgb(212,  
224, 209) }
```

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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