

Converting Colors

XYZ(63.1541, 66.1845, 71.4063)

Have a look what the booklet for
XYZ(63.1541, 66.1845, 71.4063)
contains.

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Color

**XYZ(63.1587, 66.1366,
71.7242)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D4D4
RGB	214, 212, 212
RGB Percent	84%, 83%, 83%
CMY	0.1608, 0.1686, 0.1686
CMYK	0.00, 0.01, 0.01, 0.16
HSL	0°, 2%, 84%
HSV	0°, 1%, 84%
XYZ	63.1587, 66.1366, 71.7242
YIQ	212.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

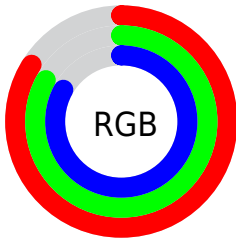
Format	Color
RYB	214, 212, 212
Decimal	14079188
CIELab	85.07, 0.69, 0.23
CIElCh	85, 0.725, 18.665
Yxy	66.1366, 0.3142, 0.3290
Android (android.graphics.Color)	4292269268 (0xFFD6D4D4)
YUV	212.5980, -0.2948, 1.2296
Hunter-Lab	81.3244, -3.6899, 4.6362

Details

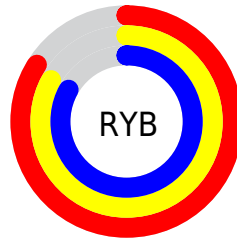
The XYZ color **63.1587, 66.1366, 71.7242** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3355, 66.9443, 73.2026**, and the grayscale version is **62.9804, 66.2603, 72.1574**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4408, 33.9192, 36.7355** is the 20% darker color. If you saturate the color by 10%, you get **55.6454, 55.1471, 56.7722**, and if you desaturate by 10%, it is **71.7400, 78.6878, 88.7991**.

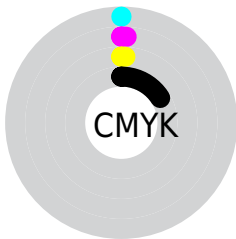
Distribution



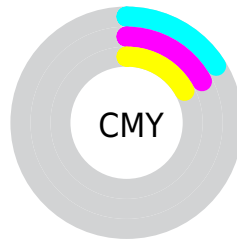
- Red (84%)
- Green (83%)
- Blue (83%)



- Red (84%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1587, 66.1366, 71.7242 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 63.1587, 66.1366, 71.7242 by changing the saturation by 10% instead.

■ 63.1587, 66.1366,
71.7242

■ 63.1587, 66.1366,
71.7242

425.7957,
446.8653, 485.5328

■ 46.2287, 48.3833,
52.4480

108.4790,
113.6824, 123.3684

■ 32.6317, 34.1305,
36.9776

137.6000,
144.2436, 156.5734

■ 22.0024, 22.9939,
24.8945

171.5154,
179.8430, 195.2585

■ 13.9753, 14.5890,
15.7801

210.5905,
220.8649, 239.8421

■ 8.1850, 8.5314,
9.2160

255.1908,
267.6936, 290.7428

■ 4.2664, 4.4368,
4.7836

305.6815,

■ 1.8539, 1.9208,

320.7137, 348.3791

2.0644

362.4280,
380.3094, 413.1696

■ 0.5498, 0.5608,
0.5944

■ 0.0000, 0.0000,
0.0000

■ 63.1587, 66.1366,
71.7242

■ 63.1587, 66.1366,
71.7242

■ 55.6454, 55.1471,
56.7722

■ 71.7400, 78.6878,
88.7991

■ 49.1531, 45.6501,
43.8560

■ 81.4229, 92.8493,
108.0708

■ 43.6393, 37.5838,
32.8889

■ 81.5419, 93.0363,
108.2678

■ 39.0567, 30.8790,
23.7763

■ 35.3539, 25.4605,
16.4159

■ 32.4745, 21.2461,
10.6951

■ 30.3558, 18.1440,
6.4886

■ 28.9258, 16.0492,
3.6529

■ 28.0988, 14.8366,
2.0169

Harmonies

Analogous

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



63.1691, 66.1366, 72.1883



63.1587, 66.1366, 71.7242



63.0684, 66.1366, 71.3386

Triad

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



63.1587, 66.1366, 71.7242



62.6255, 66.1366, 71.4194



62.7992, 66.1366, 72.8965

Complementary

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



63.1587, 66.1366, 71.7242



63.3355, 66.9443, 73.2026

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.



62.6538, 66.1366, 72.6886



63.1587, 66.1366, 71.7242



62.5536, 66.1366, 71.8350

Square

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



63.1587, 66.1366, 71.7242



62.7605, 66.1366, 71.1632



62.5639, 66.1366, 72.2996



62.9614, 66.1366, 72.8665

Rectangle

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



63.1587, 66.1366, 71.7242



62.9751, 66.1366, 71.1774



62.5639, 66.1366, 72.2996



62.7467, 66.1366, 72.8521

Sweetspot

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



63.1606, 66.1394, 71.7256

95.0500, 100.0000, 108.9000



63.4136, 66.2392, 73.0624



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.



63.1606, 66.1394, 71.7256



93.8355, 98.2236, 106.4832



63.4104, 66.6391, 71.8089



13.8357, 14.4877, 15.7108



16.7653, 8.6479, 0.7856



1.0119, 0.5229, 0.0476

Inverse Universe

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



63.3355, 66.9443, 73.2026



94.1166, 99.5166, 108.8559



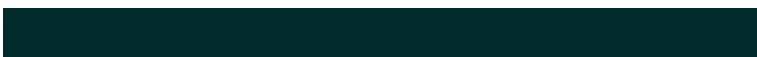
63.0842, 66.4416, 73.1188



13.8743, 14.6654, 16.0370



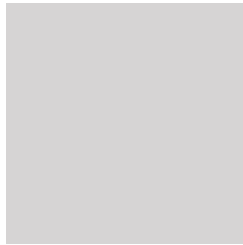
21.8118, 31.8853, 43.4580



1.3162, 1.9245, 2.6214

Previews

White Background



This preview shows how the XYZ color 63.1587, 66.1366, 71.7242 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 63.1587, 66.1366, 71.7242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

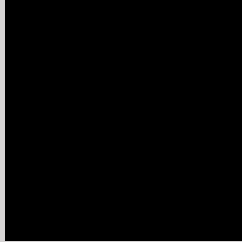
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

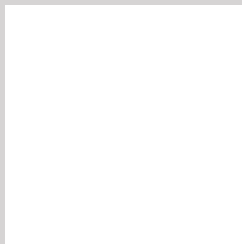
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.1587, 66.1366, 71.7242

Background



This preview shows how black text looks on a background with the XYZ color 63.1587, 66.1366, 71.7242.

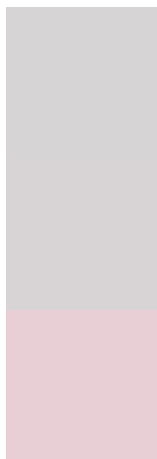


This preview shows how white text looks on a background with the XYZ color 63.1587, 66.1366,

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

63.1587, 66.1366, 71.7242

Protanopia

63.4968, 65.9409, 71.6686

Deuteranopia

67.3603, 66.1025, 72.1596



Tritanopia

65.0930, 66.1831, 81.2954

Trichromacy



Original Color

63.1587, 66.1366, 71.7242

Protanomaly

63.2023, 65.7891, 71.6548

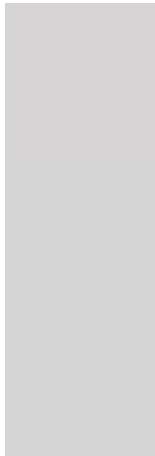
Deuteranomaly

65.6175, 65.9234, 72.2169

Tritanomaly

64.3697, 66.2561, 77.8027

Monochromacy



Original Color

63.1587, 66.1366, 71.7242

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.2451, 66.5387, 72.4607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1587, 66.1366, 71.7242 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, 212, 212) looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 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(214, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 212) }
```

Border

The CSS property to change the border of an element to XYZ 63.1587, 66.1366, 71.7242 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, 212, 212) }
```

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

```
.border{ border-color:rgb(214, 212, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 212, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 212);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
212) }
```


Background

The CSS property to change the background color of an element to XYZ 63.1587, 66.1366, 71.7242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 212, 212) }
```

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

```
.background{ background-color: rgb(214,  
212, 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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