

Converting Colors

XYZ(61.2923, 65.3493, 66.5107)

Have a look what the booklet for
XYZ(61.2923, 65.3493, 66.5107)
contains.

XYZ(61.3065, 65.2955, 66.4988)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.3065, 65.2955,
66.4988)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D4CC
RGB	211, 212, 204
RGB Percent	83%, 83%, 80%
CMY	0.1725, 0.1686, 0.2000
CMYK	0.00, 0.00, 0.04, 0.17
HSL	68°, 9%, 82%
HSV	68°, 4%, 83%
XYZ	61.3065, 65.2955, 66.4988
YIQ	210.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

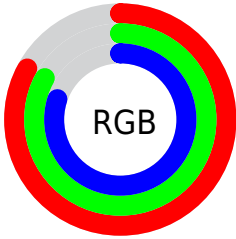
Format	Color
RYB	204, 212, 205
Decimal	13882572
CIELab	84.64, -1.77, 3.82
CIELCh	85, 4.211, 114.793
Yxy	65.2955, 0.3175, 0.3381
Android (android.graphics.Color)	4292072652 (0xFFD3D4CC)
YUV	210.7890, -3.3470, 0.1850
Hunter-Lab	80.8056, -5.9835, 7.7714

Details

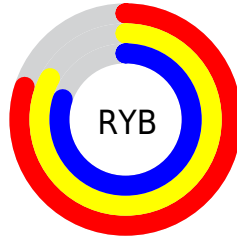
The XYZ color **61.3065, 65.2955, 66.4988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6559, 60.9201, 70.9581**, and the grayscale version is **61.7997, 65.0180, 70.8047**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4666, 33.4840, 33.6588** is the 20% darker color. If you saturate the color by 10%, you get **58.1798, 63.9596, 53.9702**, and if you desaturate by 10%, it is **64.7957, 66.7820, 80.8539**.

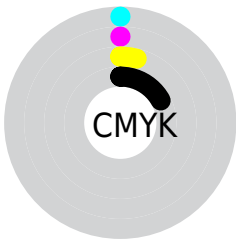
Distribution



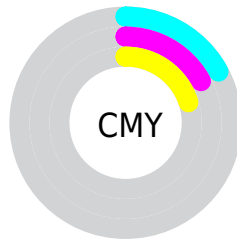
- Red (83%)
- Green (83%)
- Blue (80%)



- Red (80%)
- Yellow (83%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3065, 65.2955, 66.4988 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 61.3065, 65.2955, 66.4988 by changing the saturation by 10% instead.

■ 61.3065, 65.2955,
66.4988

■ 61.3065, 65.2955,
66.4988

419.1549,
443.8531, 466.6115

■ 44.7260, 47.7007,
48.2184

105.8182,
112.4746, 115.8358

■ 31.4421, 33.5900,
33.6386

134.4802,
142.8277, 147.7294

■ 21.0892, 22.5788,
22.3410

167.9000,
178.2024, 184.9979

■ 13.3020, 14.2828,
13.9070

206.4431,
218.9830, 228.0597

■ 7.7153, 8.3176,
7.9180

250.4748,
265.5540, 277.3334

■ 3.9636, 4.2988,
3.9555

300.3604,

■ 1.6815, 1.8421,

318.2998, 333.2376

1.6010

356.4653,
377.6047, 396.1908

■ 0.4447, 0.5132,
0.2915

■ 0.0000, 0.0000,
0.0000

■ 61.3065, 65.2955,
66.4988

■ 61.3065, 65.2955,
66.4988

■ 58.1798, 63.9596,
53.9702

■ 64.7957, 66.7820,
80.8539

■ 55.3961, 62.7603,
43.1908

■ 68.6550, 68.4160,
97.1002

■ 52.9424, 61.6944,
34.0837

■ 70.8024, 69.3666,
104.2652

■ 50.8027, 60.7555,
26.5650

■ 71.6090, 69.7825,
104.3029

■ 48.9595, 59.9367,
20.5435

■ 72.4284, 70.2049,
104.3413

■ 47.3938, 59.2302,
15.9186

■ 73.2608, 70.6340,
104.3802

■ 46.0839, 58.6276,
12.5774

■ 74.1061, 71.0698,
104.4198

■ 45.0052, 58.1188,
10.3896

■ 74.9644, 71.5123,
104.4599

■ 44.1275, 57.6918,
9.1973

■ 75.8358, 71.9615,
104.5007

Harmonies

Analogous

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



62.2256, 65.2955, 66.0638



61.3065, 65.2955, 66.4988



60.5962, 65.2955, 68.1526

Triad

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



61.3065, 65.2955, 66.4988



61.0251, 65.2955, 75.4100



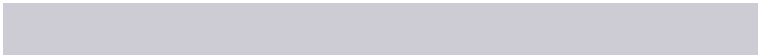
63.8790, 65.2955, 71.5666

Complementary

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



61.3065, 65.2955, 66.4988



58.6559, 60.9201, 70.9581

Split Complementary

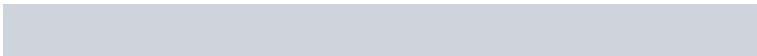
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.5501, 65.2955, 74.1223



61.3065, 65.2955, 66.4988



61.8975, 65.2955, 76.3768

Square

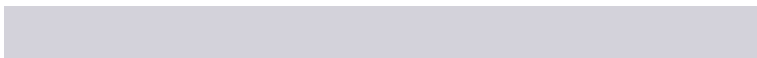
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.3065, 65.2955, 66.4988



60.4348, 65.2955, 73.2887



62.8225, 65.2955, 75.8997



63.7169, 65.2955, 68.9469

Rectangle

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



61.3065, 65.2955, 66.4988



60.3334, 65.2955, 69.7464



62.8225, 65.2955, 75.8997



63.8221, 65.2955, 72.4623

Sweetspot

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



61.3083, 65.2983, 66.5002



94.5245, 99.7762, 106.7465



59.8680, 61.9892, 65.9374



20.2377, 21.3586, 22.8708



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.



61.3083, 65.2983, 66.5002



92.4785, 98.9037, 98.4176



60.1956, 64.7247, 66.4481



13.5800, 14.5517, 14.3213



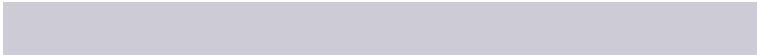
27.0049, 35.4978, 5.4285



1.6727, 2.1637, 0.3295

Inverse Universe

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



58.6559, 60.9201, 70.9581



87.1327, 90.0794, 107.4024



59.7542, 61.4863, 71.0095



12.7020, 13.1023, 15.7971



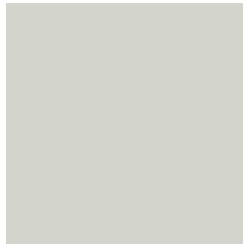
7.6550, 3.0988, 38.6478



0.5106, 0.2121, 2.3333

Previews

White Background



This preview shows how the XYZ color 61.3065, 65.2955, 66.4988 looks on a white background.

Color Contrast Check

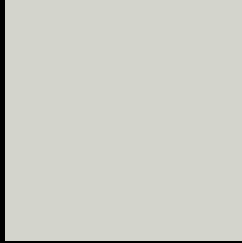
Large Text (above 18pt) WCAG AA × Fail

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 61.3065, 65.2955, 66.4988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

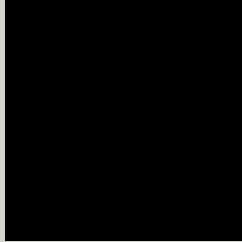
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

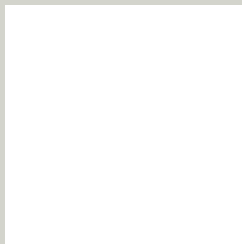
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3065, 65.2955, 66.4988

Background



This preview shows how black text looks on a background with the XYZ color 61.3065, 65.2955, 66.4988.

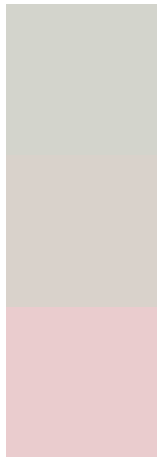


This preview shows how white text looks on a background with the XYZ color 61.3065, 65.2955,

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

61.3065, 65.2955, 66.4988

Protanopia

62.4414, 65.1567, 65.7854

Deuteranopia

66.6651, 65.1344, 67.4511



Tritanopia

64.1226, 65.3333, 80.4651

Trichromacy



Original Color

61.3065, 65.2955, 66.4988

Protanomaly

62.0981, 65.3474, 65.8403

Deuteranomaly

64.6963, 65.2022, 66.9330

Tritanomaly

63.0116, 65.2491, 74.9189

Monochromacy



Original Color

61.3065, 65.2955, 66.4988

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5434, 64.9915, 68.9754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3065, 65.2955, 66.4988 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(211, 212, 204) looks like.

```
.text, #text, p{  
    color:rgb(211, 212, 204)  
}
```

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(211, 212, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 212, 204) }
```

Border

The CSS property to change the border of an element to XYZ 61.3065, 65.2955, 66.4988 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(211, 212, 204) }
```


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

```
.border{ border-color:rgb(211, 212, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 212, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 212, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 212, 204);  
box-shadow:4px 4px 4px 4px rgb(211, 212,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3065, 65.2955, 66.4988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 212, 204) }
```

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

```
.background{ background-color: rgb(211,  
212, 204) }
```

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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