

Converting Colors

XYZ(61.9551, 67.0936, 59.8492)

Have a look what the booklet for
XYZ(61.9551, 67.0936, 59.8492)
contains.

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Color

**XYZ(61.9504, 66.8982,
60.0996)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D7C1
RGB	215, 215, 193
RGB Percent	84%, 84%, 76%
CMY	0.1569, 0.1568, 0.2431
CMYK	0.00, 0.00, 0.10, 0.16
HSL	60°, 22%, 80%
HSV	60°, 10%, 84%
XYZ	61.9504, 66.8982, 60.0996
YIQ	212.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

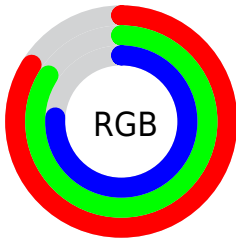
Format	Color
R _Y B	193, 215, 193
Decimal	14145473
CIE Lab	85.45, -3.78, 10.86
CIE LCh	85, 11.498, 109.189
Yxy	66.8982, 0.3279, 0.3541
Android (android.graphics.Color)	4292335553 (0xFFD7D7C1)
YUV	212.4920, -9.6096, 2.1995
Hunter-Lab	81.7913, -7.9353, 13.6881

Details

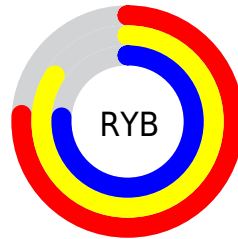
The XYZ color **61.9504, 66.8982, 60.0996** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3306, 54.3855, 71.9802**, and the grayscale version is **62.9670, 66.2462, 72.1421**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **31.7282, 34.4793, 29.4090** is the 20% darker color. If you saturate the color by 10%, you get **59.7237, 66.0096, 48.3724**, and if you desaturate by 10%, it is **64.5295, 67.9322, 73.6663**.

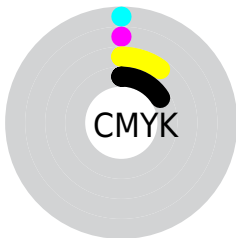
Distribution



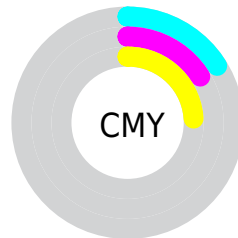
- Red (84%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9504, 66.8982, 60.0996 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 61.9504, 66.8982, 60.0996 by changing the saturation by 10% instead.

■ 61.9504, 66.8982,
60.0996

■ 61.9504, 66.8982,
60.0996

421.4706,
449.5823, 442.7796

■ 45.2481, 49.0019,
43.0731

■ 106.7442,
114.7745, 106.5189

■ 31.8550, 34.6210,
29.6106

135.5663,
145.5234, 136.7488

■ 21.4058, 23.3711,
19.2937

169.1592,
181.3251, 172.2169

■ 13.5351, 14.8677,
11.7037

207.8880,
222.5643, 213.3418

■ 7.8775, 8.7266,
6.4222

252.1182,
269.6252, 260.5420

■ 4.0678, 4.5633,
3.0306

302.2151,

■ 1.7406, 1.9934,

322.8922, 314.2360

1.1103

358.5441,
382.7498, 374.8423

■ 0.4815, 0.6036,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9504, 66.8982,
60.0996

■ 61.9504, 66.8982,
60.0996

■ 59.7237, 66.0096,
48.3724

■ 64.5295, 67.9322,
73.6663

■ 57.8289, 65.2515,
38.4013

■ 67.4696, 69.1084,
89.1422

■ 56.2519, 64.6206,
30.1033

■ 70.3802, 70.2728,
104.4623

■ 54.9751, 64.1097,
23.3867

■ 70.3815, 70.2734,
104.4624

■ 53.9797, 63.7114,
18.1511

■ 70.3827, 70.2741,
104.4624

■ 53.2442, 63.4170,
14.2847

■ 70.3840, 70.2747,
104.4625

■ 52.7444, 63.2170,
11.6597

■ 70.3853, 70.2754,
104.4625

■ 52.4516, 63.0997,
10.1243

■ 70.3865, 70.2760,
104.4626

■ 52.3150, 63.0449,
9.4116

■ 70.3878, 70.2767,
104.4627

Harmonies

Analogous

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



64.5301, 66.8982, 59.6231



61.9504, 66.8982, 60.0996



59.8637, 66.8982, 63.8505

Triad

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



61.9504, 66.8982, 60.0996



60.3628, 66.8982, 84.2623



68.6395, 66.8982, 75.5683

Complementary

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



61.9504, 66.8982, 60.0996



53.3306, 54.3855, 71.9802

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.



67.4569, 66.8982, 82.6376



61.9504, 66.8982, 60.0996



62.6486, 66.8982, 87.8804

Square

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



61.9504, 66.8982, 60.0996



58.9646, 66.8982, 77.6648



65.2476, 66.8982, 87.2663



68.4402, 66.8982, 68.2207

Rectangle

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



61.9504, 66.8982, 60.0996



59.0107, 66.8982, 67.8557



65.2476, 66.8982, 87.2663



68.3892, 66.8982, 78.0642

Sweetspot

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



61.9522, 66.9011, 60.1010



93.8420, 99.5167, 102.5418



56.7221, 56.4389, 58.3573



20.0187, 21.2737, 21.5937



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.



61.9522, 66.9011, 60.1010



90.5066, 98.1824, 84.9867



58.8304, 65.2918, 59.9549



13.4726, 14.5199, 13.2532



31.2891, 37.7064, 5.6290



1.8873, 2.2743, 0.3395

Inverse Universe

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



53.3306, 54.3855, 71.9802



75.6798, 76.6588, 105.4156



56.2396, 55.8851, 72.1163



11.7429, 12.0089, 15.6365



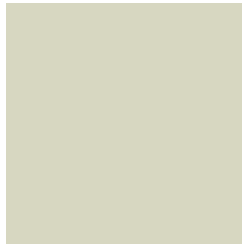
7.3368, 2.9348, 38.6329



0.4426, 0.1771, 2.3302

Previews

White Background



This preview shows how the XYZ color 61.9504, 66.8982, 60.0996 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 61.9504, 66.8982, 60.0996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

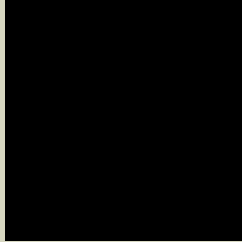
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

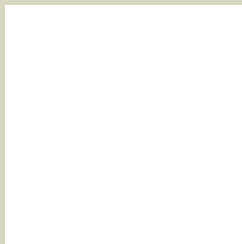
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9504, 66.8982, 60.0996

Background



This preview shows how black text looks on a background with the XYZ color 61.9504, 66.8982, 60.0996.



This preview shows how white text looks on a background with the XYZ color 61.9504, 66.8982,

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

61.9504, 66.8982, 60.0996

Protanopia

63.4329, 66.9239, 59.4435

Deuteranopia

68.1973, 66.7835, 60.9259



Tritanopia

66.4269, 66.8549, 82.0763

Trichromacy



Original Color

61.9504, 66.8982, 60.0996

Protanomaly

62.7744, 66.9590, 59.4850

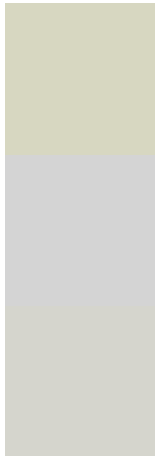
Deuteranomaly

65.8168, 66.6518, 60.4351

Tritanomaly

64.7227, 66.8987, 73.7915

Monochromacy



Original Color

61.9504, 66.8982, 60.0996

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.2543, 66.1424, 67.2432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9504, 66.8982, 60.0996 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(215, 215, 193)` looks like.

```
.text, #text, p{  
    color:rgb(215, 215, 193)  
}
```

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(215, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 215, 193) }
```

Border

The CSS property to change the border of an element to XYZ 61.9504, 66.8982, 60.0996 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(215, 215, 193) }
```


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

```
.border{ border-color:rgb(215, 215, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 215, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 215, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 215,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9504, 66.8982, 60.0996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 215, 193) }
```

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

```
.background{ background-color: rgb(215,  
215, 193) }
```

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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