

Converting Colors

XYZ(61.2120, 66.0070, 57.7050)

Have a look what the booklet for
XYZ(61.2120, 66.0070, 57.7050)
contains.

XYZ(61.2562, 66.2143, 57.6962)	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(61.2562, 66.2143,
57.6962)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D6BD
RGB	215, 214, 189
RGB Percent	84%, 84%, 74%
CMY	0.1569, 0.1608, 0.2588
CMYK	0.00, 0.00, 0.12, 0.16
HSL	58°, 25%, 79%
HSV	58°, 12%, 84%
XYZ	61.2562, 66.2143, 57.6962
YIQ	211.4490, 8.6210, -7.5630

Conversions

Conversions Part 2

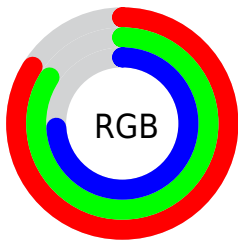
Format	Color
RYB	190, 215, 189
Decimal	14145213
CIELab	85.11, -3.91, 12.48
CIELCh	85, 13.076, 107.396
Yxy	66.2143, 0.3308, 0.3576
Android (android.graphics.Color)	4292335293 (0xFFD7D6BD)
YUV	211.4490, -11.0674, 3.1142
Hunter-Lab	81.3722, -8.0282, 14.9215

Details

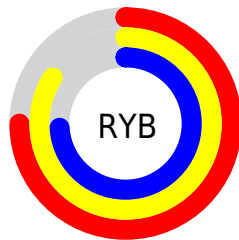
The XYZ color **61.2562, 66.2143, 57.6962** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6654, 52.5511, 71.7109**, and the grayscale version is **62.2823, 65.5258, 71.3576**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **31.3393, 34.0474, 28.2126** is the 20% darker color. If you saturate the color by 10%, you get **58.8862, 64.9359, 46.2330**, and if you desaturate by 10%, it is **63.9769, 67.6390, 70.9847**.

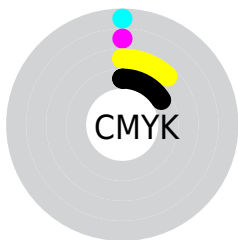
Distribution



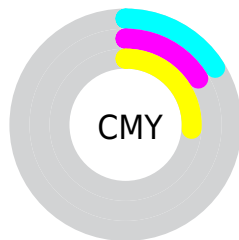
- Red (84%)
- Green (84%)
- Blue (74%)



- Red (75%)
- Yellow (84%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2562, 66.2143, 57.6962 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 61.2562, 66.2143, 57.6962 by changing the saturation by 10% instead.

■ 61.2562, 66.2143,
57.6962

■ 61.2562, 66.2143,
57.6962

418.9737,
447.1429, 433.6196

■ 44.6853, 48.4464,
41.1514

■ 105.7458,
113.7939, 102.9907

■ 31.4098, 34.1805,
28.1168

134.3952,
144.3743, 132.5775

■ 21.0645, 23.0323,
18.1739

167.8015,
179.9944, 167.3487

■ 13.2839, 14.6174,
10.9042

206.3301,
221.0384, 207.7228

■ 7.7027, 8.5513,
5.8891

250.3462,
267.8909, 254.1184

■ 3.9555, 4.4497,
2.7101

300.2153,

■ 1.6770, 1.9282,

320.9363, 306.9541

0.9485

356.3026,
380.5588, 366.6483

■ 0.4418, 0.5652,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2562, 66.2143,
57.6962

■ 61.2562, 66.2143,
57.6962

■ 58.8862, 64.9359,
46.2330

■ 63.9769, 67.6390,
70.9847

■ 56.8462, 63.7890,
36.5111

■ 67.0571, 69.2071,
86.1693

■ 55.1219, 62.7701,
28.4461

■ 70.5121, 70.9267,
103.3221

■ 53.6956, 61.8720,
21.9447

■ 70.9645, 71.4470,
104.6582

■ 52.5478, 61.0870,
16.9049

■ 71.1777, 71.8733,
104.7292

■ 51.6567, 60.4064,
13.2121

■ 71.3919, 72.3017,
104.8006

■ 50.9975, 59.8202,
10.7350

■ 71.6071, 72.7323,
104.8724

■ 50.5401, 59.3164,
9.3158

■ 71.8235, 73.1649,
104.9445

■ 50.2811, 58.9603,
8.7304

■ 72.0409, 73.5997,
105.0170

Harmonies

Analogous

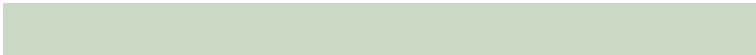
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.1789, 66.2143, 57.3941



61.2562, 66.2143, 57.6962



58.8565, 66.2143, 61.6621

Triad

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



61.2562, 66.2143, 57.6962



59.1774, 66.2143, 84.7090



68.6265, 66.2143, 75.6945

Complementary

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



61.2562, 66.2143, 57.6962



51.6654, 52.5511, 71.7109

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.



67.1971, 66.2143, 83.6454



61.2562, 66.2143, 57.6962



61.7067, 66.2143, 89.1161

Square

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



61.2562, 66.2143, 57.6962



57.6823, 66.2143, 77.0562



64.6436, 66.2143, 88.7123



68.4967, 66.2143, 67.3536

Rectangle

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



61.2562, 66.2143, 57.6962



57.8485, 66.2143, 66.0385



64.6436, 66.2143, 88.7123



68.3106, 66.2143, 78.5133

Sweetspot

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



61.2580, 66.2172, 57.6976



93.3264, 99.1114, 100.4378



55.5498, 54.5740, 56.4943



19.9084, 21.1790, 21.1680



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.



61.2580, 66.2172, 57.6976



89.0264, 96.8457, 79.4762



58.1969, 65.0144, 57.6268



13.4302, 14.4346, 13.2390



30.0925, 35.3021, 5.2280



1.8280, 2.1552, 0.3197

Inverse Universe

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



51.6654, 52.5511, 71.7109



71.7182, 72.1877, 104.7614



54.4710, 53.6784, 71.7806



11.7804, 12.0841, 15.6491



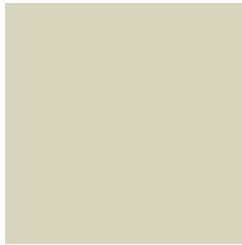
7.4074, 3.0766, 38.6566



0.4605, 0.2130, 2.3362

Previews

White Background



This preview shows how the XYZ color 61.2562, 66.2143, 57.6962 looks on a white background.

Color Contrast Check

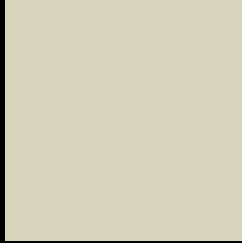
Large Text (above 18pt) WCAG AA × Fail

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 61.2562, 66.2143, 57.6962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

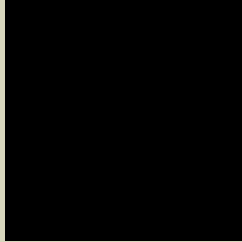
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

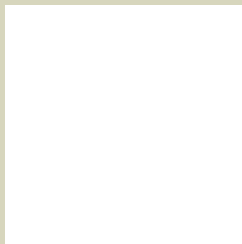
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2562, 66.2143, 57.6962

Background



This preview shows how black text looks on a background with the XYZ color 61.2562, 66.2143, 57.6962.



This preview shows how white text looks on a background with the XYZ color 61.2562, 66.2143,

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

61.2562, 66.2143, 57.6962

Protanopia

62.7448, 66.2474, 57.0570

Deuteranopia

67.5109, 66.1250, 58.4954



Tritanopia

65.9063, 66.2528, 80.5486

Trichromacy



Original Color

61.2562, 66.2143, 57.6962

Protanomaly

62.0848, 66.2794, 57.0979

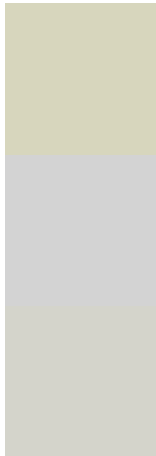
Deuteranomaly

65.1289, 65.9853, 58.0190

Tritanomaly

64.0914, 66.2474, 71.6964

Monochromacy



Original Color

61.2562, 66.2143, 57.6962

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.4744, 65.3958, 65.8825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2562, 66.2143, 57.6962 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, 214, 189)` looks like.

```
.text, #text, p{  
    color:rgb(215, 214, 189)  
}
```

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, 214, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.2562, 66.2143, 57.6962 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, 214, 189) }
```


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

```
.border{ border-color:rgb(215, 214, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 214, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 214, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 214, 189);  
box-shadow:4px 4px 4px 4px rgb(215, 214,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2562, 66.2143, 57.6962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 189) }
```

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

```
.background{ background-color: rgb(215,  
214, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor