

Converting Colors

XYZ(62.1571, 66.8584, 59.6588)

Have a look what the booklet for
XYZ(62.1571, 66.8584, 59.6588)
contains.

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Color

**XYZ(62.1338, 67.0056,
59.5277)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D7C0
RGB	216, 215, 192
RGB Percent	85%, 84%, 75%
CMY	0.1529, 0.1568, 0.2471
CMYK	0.00, 0.00, 0.11, 0.15
HSL	58°, 24%, 80%
HSV	58°, 11%, 85%
XYZ	62.1338, 67.0056, 59.5277
YIQ	212.6770, 7.9790, -6.9410

Conversions

Conversions Part 2

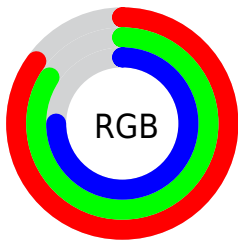
Format	Color
RYB	193, 216, 192
Decimal	14211008
CIELab	85.51, -3.59, 11.47
CIELCh	86, 12.022, 107.354
Yxy	67.0056, 0.3293, 0.3552
Android (android.graphics.Color)	4292401088 (0xFFD8D7C0)
YUV	212.6770, -10.1938, 2.9143
Hunter-Lab	81.8569, -7.7586, 14.1832

Details

The XYZ color **62.1338, 67.0056, 59.5277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2028, 54.3033, 72.6439**, and the grayscale version is **63.0938, 66.3796, 72.2874**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **31.9289, 34.5828, 29.4184** is the 20% darker color. If you saturate the color by 10%, you get **59.6872, 65.6650, 47.7584**, and if you desaturate by 10%, it is **64.9366, 68.4951, 73.1503**.

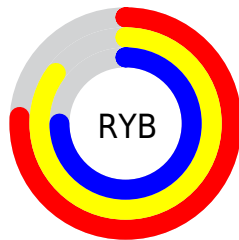
Distribution



Red (85%)

Green (84%)

Blue (75%)



Red (76%)

Yellow (85%)

Blue (75%)

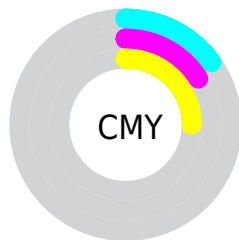


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1338, 67.0056, 59.5277 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 62.1338, 67.0056, 59.5277 by changing the saturation by 10% instead.

■ 62.1338, 67.0056,
59.5277

■ 62.1338, 67.0056,
59.5277

422.1288,
449.9647, 440.6109

■ 45.3968, 49.0892,
42.6153

■ 107.0077,
114.9284, 105.6809

■ 31.9727, 34.6902,
29.2542

135.8754,
145.7036, 135.7587

■ 21.4961, 23.4244,
19.0260

169.5174,
181.5339, 171.0621

■ 13.6016, 14.9072,
11.5120

208.2989,
222.8036, 212.0095

■ 7.9240, 8.7543,
6.2939

252.5855,
269.8971, 259.0196

■ 4.0977, 4.5812,
2.9529

302.7425,

■ 1.7576, 2.0037,

323.1989, 312.5108

1.0706

359.1351,
383.0933, 372.9017

■ 0.4919, 0.6096,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1338, 67.0056,
59.5277

■ 62.1338, 67.0056,
59.5277

■ 59.6872, 65.6650,
47.7584

■ 64.9366, 68.4951,
73.1503

■ 57.5761, 64.4585,
37.7578

■ 68.1045, 70.1304,
88.6972

■ 55.7859, 63.3822,
29.4413

■ 71.3613, 71.8032,
104.7060

■ 54.2990, 62.4293,
22.7154

■ 71.5939, 72.2684,
104.7835

■ 53.0958, 61.5919,
17.4777

■ 71.8277, 72.7361,
104.8615

■ 52.1548, 60.8613,
13.6139

■ 72.0628, 73.2063,
104.9399

■ 51.4509, 60.2275,
10.9930

■ 72.2992, 73.6791,
105.0186

■ 50.9545, 59.6788,
9.4587

■ 72.5368, 74.1543,
105.0979

■ 50.6417, 59.2440,
8.7661

■ 72.7757, 74.6321,
105.1775

Harmonies

Analogous

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



64.8431, 67.0056, 59.2491



62.1338, 67.0056, 59.5277



59.9029, 67.0056, 63.2388

Triad

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



62.1338, 67.0056, 59.5277



60.1961, 67.0056, 84.5846



68.9477, 67.0056, 76.2990

Complementary

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



62.1338, 67.0056, 59.5277



53.2028, 54.3033, 72.6439

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.



67.6268, 67.0056, 83.6246



62.1338, 67.0056, 59.5277



62.5444, 67.0056, 88.6328

Square

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



62.1338, 67.0056, 59.5277



58.8064, 67.0056, 77.5346



65.2655, 67.0056, 88.2695



68.8301, 67.0056, 68.5646

Rectangle

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



62.1338, 67.0056, 59.5277



58.9637, 67.0056, 67.3205



65.2655, 67.0056, 88.2695



68.6556, 67.0056, 78.9012

Sweetspot

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



62.1356, 67.0085, 59.5291



93.7414, 99.3147, 102.5081



56.8173, 56.1583, 58.4151



19.9914, 21.2189, 21.5846



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.



62.1356, 67.0085, 59.5291



89.7275, 97.1715, 83.0287



59.3031, 65.9259, 59.4695



13.4266, 14.4275, 13.2378



29.9948, 35.1069, 5.1954



1.8231, 2.1455, 0.3180

Inverse Universe

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



53.2028, 54.3033, 72.6439



74.5762, 75.6217, 105.2736



55.8193, 55.3265, 72.7035



11.7835, 12.0905, 15.6502



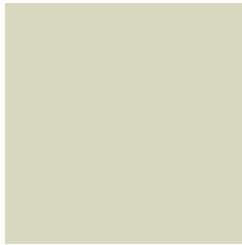
7.4133, 3.0884, 38.6586



0.4620, 0.2160, 2.3367

Previews

White Background



This preview shows how the XYZ color 62.1338, 67.0056, 59.5277 looks on a white background.

Color Contrast Check

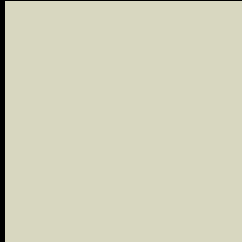
Large Text (above 18pt) WCAG AA × Fail

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 62.1338, 67.0056, 59.5277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

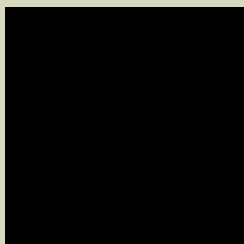
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

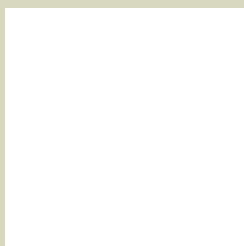
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1338, 67.0056, 59.5277

Background



This preview shows how black text looks on a background with the XYZ color 62.1338, 67.0056, 59.5277.



This preview shows how white text looks on a background with the XYZ color 62.1338, 67.0056,

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

62.1338, 67.0056, 59.5277

Protanopia

63.6296, 67.0381, 58.8762

Deuteranopia

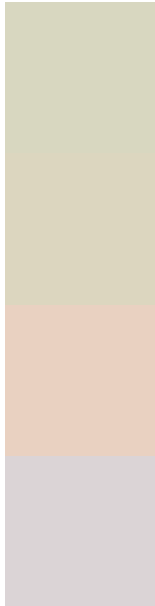
68.4269, 66.9149, 60.3483



Tritanopia

66.7305, 67.0114, 82.0905

Trichromacy



Original Color

62.1338, 67.0056, 59.5277

Protanomaly

62.9657, 67.0704, 58.9174

Deuteranomaly

66.0304, 66.7748, 59.8607

Tritanomaly

64.8945, 67.0021, 73.1307

Monochromacy



Original Color

62.1338, 67.0056, 59.5277

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.7976, 66.7971, 67.3409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1338, 67.0056, 59.5277 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(216, 215, 192) looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 192)  
}
```

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(216, 215, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 192) }
```

Border

The CSS property to change the border of an element to XYZ 62.1338, 67.0056, 59.5277 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(216, 215, 192) }
```


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

```
.border{ border-color:rgb(216, 215, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 215, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 215, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 215, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 215,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1338, 67.0056, 59.5277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 192) }
```

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

```
.background{ background-color: rgb(216,  
215, 192) }
```

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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