

Converting Colors

XYZ(61.9845, 66.5325, 59.0592)

Have a look what the booklet for
XYZ(61.9845, 66.5325, 59.0592)
contains.

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Color

**XYZ(62.0658, 66.6064,
58.8753)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D6BF
RGB	217, 214, 191
RGB Percent	85%, 84%, 75%
CMY	0.1490, 0.1608, 0.2510
CMYK	0.00, 0.01, 0.12, 0.15
HSL	53°, 25%, 80%
HSV	53°, 12%, 85%
XYZ	62.0658, 66.6064, 58.8753
YIQ	212.2750, 9.1710, -6.5170

Conversions

Conversions Part 2

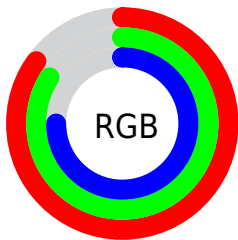
Format	Color
RYB	194, 217, 191
Decimal	14276287
CIELab	85.30, -2.87, 11.73
CIELCh	85, 12.073, 103.769
Yxy	66.6064, 0.3309, 0.3551
Android (android.graphics.Color)	4292466367 (0xFFD9D6BF)
YUV	212.2750, -10.4886, 4.1438
Hunter-Lab	81.6127, -7.0746, 14.3572

Details

The XYZ color **62.0658, 66.6064, 58.8753** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3020, 54.6687, 73.3891**, and the grayscale version is **62.8270, 66.0989, 71.9818**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **31.8859, 34.3126, 28.9872** is the 20% darker color. If you saturate the color by 10%, you get **59.2253, 64.4676, 47.0067**, and if you desaturate by 10%, it is **65.2736, 68.9120, 72.6135**.

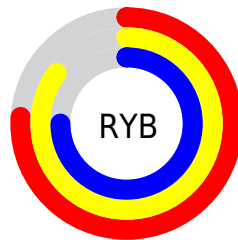
Distribution



Red (85%)

Green (84%)

Blue (75%)



Red (76%)

Yellow (85%)

Blue (75%)

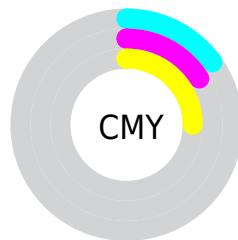


Cyan (0%)

Magenta (1%)

Yellow (12%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0658, 66.6064, 58.8753 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 62.0658, 66.6064, 58.8753 by changing the saturation by 10% instead.

■ 62.0658, 66.6064,
58.8753

■ 62.0658, 66.6064,
58.8753

421.8848,
448.5425, 438.1286

■ 45.3417, 48.7648,
42.0934

■ 106.9100,
114.3562, 104.7237

■ 31.9291, 34.4330,
28.8483

135.7608,
145.0333, 134.6274

■ 21.4626, 23.2264,
18.7215

169.3846,
180.7576, 169.7420

■ 13.5770, 14.7608,
11.2944

208.1466,
221.9137, 210.4861

■ 7.9067, 8.6517,
6.1486

252.4123,
268.8858, 257.2783

■ 4.0866, 4.5147,
2.8654

302.5470,

■ 1.7513, 1.9654,

322.0583, 310.5371

1.0263

358.9160,
381.8158, 370.6810

■ 0.4880, 0.5873,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0658, 66.6064,
58.8753

■ 62.0658, 66.6064,
58.8753

■ 59.2253, 64.4676,
47.0067

■ 65.2736, 68.9120,
72.6135

■ 56.7310, 62.4806,
36.9218

■ 68.8577, 71.3816,
88.2937

■ 54.5680, 60.6415,
28.5343

■ 72.6558, 73.9525,
105.0526

■ 52.7183, 58.9431,
21.7490

■ 73.3229, 75.2866,
105.2750

■ 51.1620, 57.3773,
16.4614

■ 73.9999, 76.6406,
105.5006

■ 49.8767, 55.9351,
12.5546

■ 74.6868, 78.0144,
105.7296

■ 48.8371, 54.6063,
9.8943

■ 75.3837, 79.4081,
105.9619

■ 48.0123, 53.3785,
8.3195

■ 76.0905, 80.8218,
106.1975

■ 47.4648, 52.4503,
7.6223

■ 76.8075, 82.2557,
106.4365

Harmonies

Analogous

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



64.7865, 66.6064, 59.0210



62.0658, 66.6064, 58.8753



59.7440, 66.6064, 62.1962

Triad

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



62.0658, 66.6064, 58.8753



59.5906, 66.6064, 83.4314



68.4841, 66.6064, 76.8082

Complementary

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



62.0658, 66.6064, 58.8753



53.3020, 54.6687, 73.3891

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.



67.0097, 66.6064, 83.9340



62.0658, 66.6064, 58.8753



61.8510, 66.6064, 87.9417

Square

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



62.0658, 66.6064, 58.8753



58.3430, 66.6064, 76.1616



64.5654, 66.6064, 88.1320



68.5457, 66.6064, 69.0023

Rectangle

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



62.0658, 66.6064, 58.8753



58.7130, 66.6064, 66.0771



64.5654, 66.6064, 88.1320



68.1354, 66.6064, 79.3751

Sweetspot

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



62.0676, 66.6093, 58.8767



93.0771, 98.6128, 100.3547



56.9882, 55.9108, 58.8477



19.8450, 21.0523, 21.1469



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.



62.0676, 66.6093, 58.8767



88.5275, 95.3138, 80.9566



59.9590, 66.6582, 58.9973



14.0275, 14.9943, 13.8804



28.7824, 31.8504, 4.6307



1.9018, 2.1377, 0.3124

Inverse Universe

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



53.3020, 54.6687, 73.3891



73.8520, 75.3232, 105.2541



55.2345, 54.6852, 73.2904



12.4589, 12.8576, 16.4772



7.8314, 3.5322, 40.0074



0.5486, 0.3113, 2.6056

Previews

White Background



This preview shows how the XYZ color 62.0658, 66.6064, 58.8753 looks on a white background.

Color Contrast Check

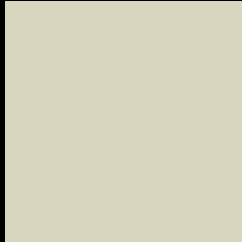
Large Text (above 18pt) WCAG AA × Fail

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 62.0658, 66.6064, 58.8753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

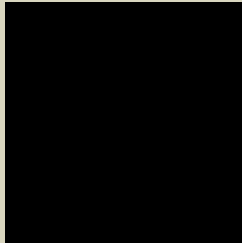
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

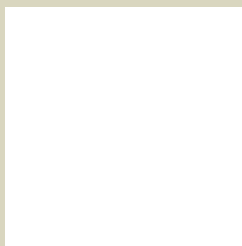
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0658, 66.6064, 58.8753

Background



This preview shows how black text looks on a background with the XYZ color 62.0658, 66.6064, 58.8753.



This preview shows how white text looks on a background with the XYZ color 62.0658, 66.6064,

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

62.0658, 66.6064, 58.8753

Protanopia

62.9619, 66.3343, 58.2005

Deuteranopia

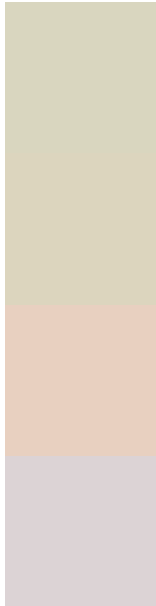
67.7326, 66.2137, 59.6627



Tritanopia

66.5153, 66.5668, 80.5771

Trichromacy



Original Color

62.0658, 66.6064, 58.8753

Protanomaly

62.6037, 66.5218, 58.2556

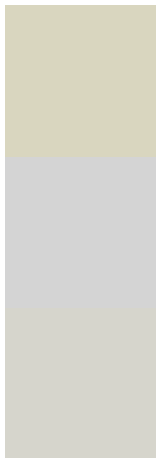
Deuteranomaly

65.3490, 66.0733, 59.1783

Tritanomaly

64.8197, 66.6083, 72.3911

Monochromacy



Original Color

62.0658, 66.6064, 58.8753

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.4249, 66.2443, 66.6230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0658, 66.6064, 58.8753 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(217, 214, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 214, 191)  
}
```

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(217, 214, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 214, 191) }
```

Border

The CSS property to change the border of an element to XYZ 62.0658, 66.6064, 58.8753 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(217, 214, 191) }
```


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

```
.border{ border-color:rgb(217, 214, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 214, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 214, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 214, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 214,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0658, 66.6064, 58.8753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 214, 191) }
```

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

```
.background{ background-color: rgb(217,  
214, 191) }
```

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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