

Converting Colors

XYZ(62.9033, 68.0557, 60.2187)

Have a look what the booklet for
XYZ(62.9033, 68.0557, 60.2187)
contains.

XYZ(63.0538, 68.2277, 60.2980)	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(63.0538, 68.2277,
60.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D9C1
RGB	217, 217, 193
RGB Percent	85%, 85%, 76%
CMY	0.1490, 0.1490, 0.2431
CMYK	0.00, 0.00, 0.11, 0.15
HSL	60°, 24%, 80%
HSV	60°, 11%, 85%
XYZ	63.0538, 68.2277, 60.2980
YIQ	214.2640, 7.7040, -7.4640

Conversions

Conversions Part 2

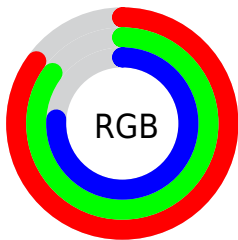
Format	Color
RYB	193, 217, 193
Decimal	14277057
CIELab	86.12, -4.10, 11.83
CIELCh	86, 12.520, 109.109
Yxy	68.2277, 0.3291, 0.3561
Android (android.graphics.Color)	4292467137 (0xFFD9D9C1)
YUV	214.2640, -10.4832, 2.3995
Hunter-Lab	82.6001, -8.2899, 14.5384

Details

The XYZ color **63.0538, 68.2277, 60.2980** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5892, 54.4889, 73.3423**, and the grayscale version is **64.1606, 67.5020, 73.5097**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **32.4808, 35.3861, 29.5444** is the 20% darker color. If you saturate the color by 10%, you get **60.8081, 67.3315, 48.4701**, and if you desaturate by 10%, it is **65.6585, 69.2720, 73.9997**.

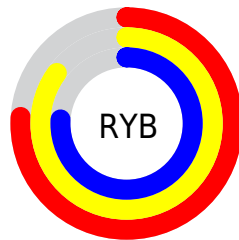
Distribution



Red (85%)

Green (85%)

Blue (76%)



Red (76%)

Yellow (85%)

Blue (76%)

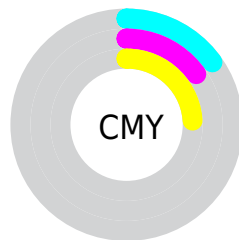


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0538, 68.2277, 60.2980 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 63.0538, 68.2277, 60.2980 by changing the saturation by 10% instead.

■ 63.0538, 68.2277,
60.2980

■ 63.0538, 68.2277,
60.2980

425.4213,
454.3023, 443.5304

■ 46.1435, 50.0830,
43.2320

■ 108.3285,
116.6778, 106.8094

■ 32.5642, 35.4794,
29.7344

137.4237,
147.7520, 137.0920

■ 21.9504, 24.0324,
19.3868

171.3112,
183.9049, 172.6171

■ 13.9369, 15.3576,
11.7704

210.3564,
225.5208, 213.8033

■ 8.1582, 9.0708,
6.4669

254.9246,
272.9840, 261.0692

■ 4.2490, 4.7874,
3.0577

305.3813,

■ 1.8439, 2.1230,

326.6791, 314.8334

1.1242

362.0917,
386.9904, 375.5142

■ 0.5439, 0.6775,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0538, 68.2277,
60.2980

■ 63.0538, 68.2277,
60.2980

■ 60.8081, 67.3315,
48.4701

■ 65.6585, 69.2720,
73.9997

■ 58.9004, 66.5683,
38.4304

■ 68.6311, 70.4611,
89.6471

■ 57.3160, 65.9344,
30.0933

■ 71.4833, 71.6022,
104.6608

■ 56.0371, 65.4227,
23.3645

■ 71.4845, 71.6028,
104.6608

■ 55.0439, 65.0253,
18.1403

■ 71.4856, 71.6034,
104.6609

■ 54.3144, 64.7334,
14.3053

■ 71.4868, 71.6040,
104.6609

■ 53.8236, 64.5369,
11.7269

■ 71.4880, 71.6046,
104.6610

■ 53.5415, 64.4240,
10.2472

■ 71.4891, 71.6052,
104.6610

■ 53.4195, 64.3750,
9.6101

■ 71.4903, 71.6058,
104.6611

Harmonies

Analogous

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



65.8995, 68.2277, 59.7880



63.0538, 68.2277, 60.2980



60.7547, 68.2277, 64.3898

Triad

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



63.0538, 68.2277, 60.2980



61.2931, 68.2277, 86.9235



70.4352, 68.2277, 77.3230

Complementary

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



63.0538, 68.2277, 60.2980



53.5892, 54.4889, 73.3423

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.



69.1219, 68.2277, 85.1527



63.0538, 68.2277, 60.2980



63.8085, 68.2277, 90.9619

Square

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



63.0538, 68.2277, 60.2980



59.7592, 68.2277, 79.5978



66.6767, 68.2277, 90.2909



70.2186, 68.2277, 69.2205

Rectangle

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



63.0538, 68.2277, 60.2980



59.8150, 68.2277, 68.7794



66.6767, 68.2277, 90.2909



70.1565, 68.2277, 80.0839

Sweetspot

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



63.0556, 68.2307, 60.2995



93.8421, 99.5168, 102.5418



57.3130, 56.7435, 58.3849



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.



63.0556, 68.2307, 60.2995



90.1625, 98.0448, 83.1743



59.6179, 66.4584, 60.1386



14.1620, 15.2638, 13.9254



32.3356, 38.9671, 5.8171



2.0949, 2.5245, 0.3769

Inverse Universe

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



53.5892, 54.4889, 73.3423



74.2116, 74.8898, 105.1515



56.7732, 56.1303, 73.4913



12.3390, 12.6173, 16.4372



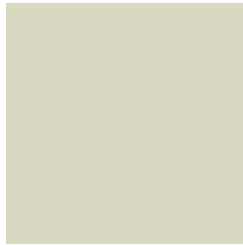
7.5820, 3.0328, 39.9242



0.4913, 0.1965, 2.5865

Previews

White Background



This preview shows how the XYZ color 63.0538, 68.2277, 60.2980 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 63.0538, 68.2277, 60.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

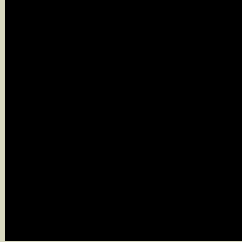
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

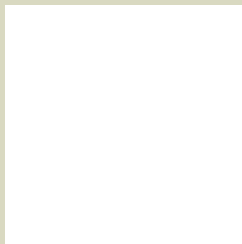
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0538, 68.2277, 60.2980

Background



This preview shows how black text looks on a background with the XYZ color 63.0538, 68.2277, 60.2980.



This preview shows how white text looks on a background with the XYZ color 63.0538, 68.2277,

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

63.0538, 68.2277, 60.2980

Protanopia

64.8662, 68.4142, 59.6556

Deuteranopia

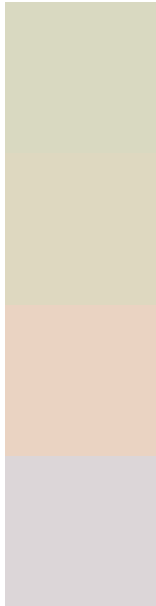
69.7144, 68.2850, 61.1357



Tritanopia

67.8105, 68.2737, 83.7329

Trichromacy



Original Color

63.0538, 68.2277, 60.2980

Protanomaly

64.1945, 68.4471, 59.6974

Deuteranomaly

66.9636, 67.9760, 60.6303

Tritanomaly

65.9564, 68.2666, 74.6662

Monochromacy



Original Color

63.0538, 68.2277, 60.2980

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.4653, 67.5042, 68.0771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0538, 68.2277, 60.2980 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, 217, 193) looks like.

```
.text, #text, p{  
    color:rgb(217, 217, 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(217, 217, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 217, 193) }
```

Border

The CSS property to change the border of an element to XYZ 63.0538, 68.2277, 60.2980 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, 217, 193) }
```


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

```
.border{ border-color:rgb(217, 217, 193) }
```

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

Here you see how a box with a 4 pixel rgb(217, 217, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 217, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 217, 193);  
box-shadow:4px 4px 4px 4px rgb(217, 217,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0538, 68.2277, 60.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 217, 193) }
```

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

```
.background{ background-color: rgb(217,  
217, 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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