

Converting Colors

XYZ(60.1274, 63.3406, 63.9402)

Have a look what the booklet for
XYZ(60.1274, 63.3406, 63.9402)
contains.

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Color

**XYZ(60.1326, 63.2789,
63.6883)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D0C8
RGB	212, 208, 200
RGB Percent	83%, 82%, 78%
CMY	0.1686, 0.1843, 0.2157
CMYK	0.00, 0.02, 0.06, 0.17
HSL	40°, 12%, 81%
HSV	40°, 6%, 83%
XYZ	60.1326, 63.2789, 63.6883
YIQ	208.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

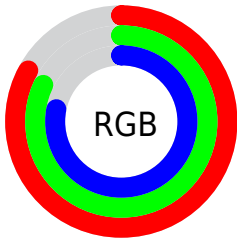
Format	Color
R _Y B	206, 212, 200
Decimal	13947080
CIE Lab	83.59, -0.03, 4.44
CIE LCh	84, 4.443, 90.371
Yxy	63.2789, 0.3214, 0.3382
Android (android.graphics.Color)	4292137160 (0xFFD4D0C8)
YUV	208.2840, -4.0840, 3.2589
Hunter-Lab	79.5480, -4.2759, 8.2145

Details

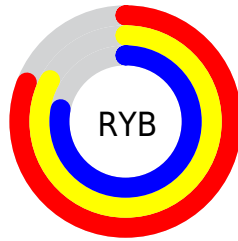
The XYZ color **60.1326, 63.2789, 63.6883** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2960, 60.2178, 70.8916**, and the grayscale version is **60.1634, 63.2965, 68.9299**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6485, 32.3546, 31.8238** is the 20% darker color. If you saturate the color by 10%, you get **56.1421, 58.9914, 50.9701**, and if you desaturate by 10%, it is **64.5469, 67.8626, 78.2444**.

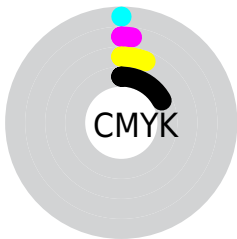
Distribution



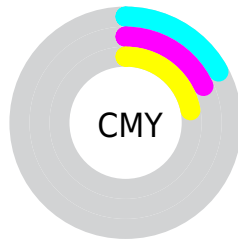
- Red (83%)
- Green (82%)
- Blue (78%)



- Red (81%)
- Yellow (83%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1326, 63.2789, 63.6883 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 60.1326, 63.2789, 63.6883 by changing the saturation by 10% instead.

■ 60.1326, 63.2789,
63.6883

■ 60.1326, 63.2789,
63.6883

414.9133,
436.5810, 456.2397

■ 43.7754, 46.0669,
45.9537

104.1272,
109.5718, 111.7571

■ 30.6911, 32.2986,
31.8609

132.4954,
139.4214, 142.9283

■ 20.5144, 21.5897,
20.9913

165.5979,
174.2524, 179.4155

■ 12.8800, 13.5557,
12.9265

203.8001,
214.4491, 221.6372

■ 7.4224, 7.8123,
7.2478

247.4674,
260.3959, 270.0119

■ 3.7763, 3.9751,
3.5368

296.9651,

■ 1.5764, 1.6596,

312.4772, 324.9582

1.3748

352.6586,
371.0774, 386.8946

■ 0.3769, 0.3973,
0.1220

■ 0.0000, 0.0000,
0.0000

■ 60.1326, 63.2789,
63.6883

■ 60.1326, 63.2789,
63.6883

■ 56.1421, 58.9914,
50.9701

■ 64.5469, 67.8626,
78.2444

■ 52.5551, 54.9844,
40.0112

■ 69.3938, 72.7415,
94.7042

■ 49.3573, 51.2524,
30.7336

■ 73.2725, 77.3587,
105.6776

■ 46.5315, 47.7870,
23.0517

■ 75.2681, 81.3499,
106.3428

■ 44.0590, 44.5791,
16.8723

■ 77.3441, 85.5019,
107.0348

■ 41.9193, 41.6187,
12.0926

■ 79.5013, 89.8164,
107.7539

■ 40.0892, 38.8948,
8.5964

■ 80.9618, 92.7372,
108.2407

■ 38.5422, 36.3950,
6.2488

■ 37.2457, 34.1045,
4.8840

Harmonies

Analogous

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



61.0728, 63.2789, 64.3542



60.1326, 63.2789, 63.6883



59.2053, 63.2789, 64.3873

Triad

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



60.1326, 63.2789, 63.6883



58.5476, 63.2789, 71.6400



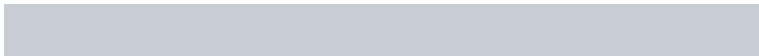
61.7829, 63.2789, 71.5784

Complementary

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



60.1326, 63.2789, 63.6883



57.2960, 60.2178, 70.8916

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.



61.0940, 63.2789, 73.6187



60.1326, 63.2789, 63.6883



59.2261, 63.2789, 73.6549

Square

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



60.1326, 63.2789, 63.6883



58.2963, 63.2789, 68.9346



60.1568, 63.2789, 74.3885



62.0318, 63.2789, 68.8653

Rectangle

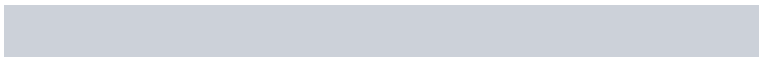
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.1326, 63.2789, 63.6883



58.7176, 63.2789, 65.5443



60.1568, 63.2789, 74.3885



61.5947, 63.2789, 72.3682

Sweetspot

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



60.1344, 63.2817, 63.6897



93.7002, 98.5970, 104.4529



58.7056, 59.6662, 65.5503



20.0699, 21.1186, 22.4038



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.



60.1344, 63.2817, 63.6897



90.4408, 95.1688, 93.8384



60.5480, 64.9597, 63.9918



13.2804, 13.9743, 13.6848



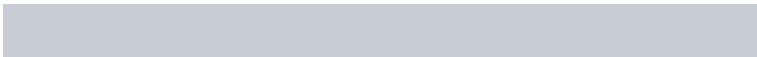
22.7739, 20.6649, 2.7884



1.4482, 1.3957, 0.1931

Inverse Universe

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



57.2960, 60.2178, 70.8916



85.1041, 89.4081, 107.3798



56.8960, 58.6195, 70.6042



12.4449, 13.0724, 15.8048



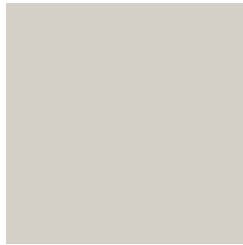
8.7945, 5.8507, 39.1189



0.6055, 0.5030, 2.3845

Previews

White Background



This preview shows how the XYZ color 60.1326, 63.2789, 63.6883 looks on a white background.

Color Contrast Check

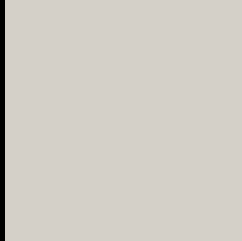
Large Text (above 18pt) WCAG AA × Fail

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 60.1326, 63.2789, 63.6883 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

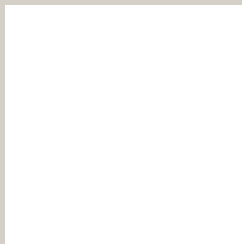
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1326, 63.2789, 63.6883

Background



This preview shows how black text looks on a background with the XYZ color 60.1326, 63.2789, 63.6883.

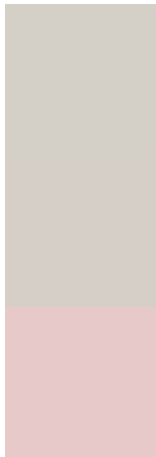


This preview shows how white text looks on a background with the XYZ color 60.1326, 63.2789,

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

60.1326, 63.2789, 63.6883

Protanopia

60.4697, 63.0919, 63.6344

Deuteranopia

64.3843, 62.9793, 64.0211



Tritanopia

62.9068, 63.3302, 77.3150

Trichromacy



Original Color

60.1326, 63.2789, 63.6883

Protanomaly

60.1787, 62.9419, 63.6208

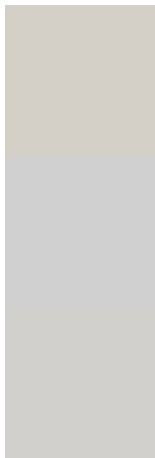
Deuteranomaly

62.8760, 63.2501, 64.1529

Tritanomaly

61.8131, 63.2429, 71.9000

Monochromacy



Original Color

60.1326, 63.2789, 63.6883

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.8698, 63.0748, 66.7768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1326, 63.2789, 63.6883 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(212, 208, 200)` looks like.

```
.text, #text, p{  
    color:rgb(212, 208, 200)  
}
```

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(212, 208, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 208, 200) }
```

Border

The CSS property to change the border of an element to XYZ 60.1326, 63.2789, 63.6883 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(212, 208, 200) }
```


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

```
.border{ border-color:rgb(212, 208, 200) }
```

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

Here you see how a box with a 4 pixel rgb(212, 208, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 208, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 208, 200);  
box-shadow:4px 4px 4px 4px rgb(212, 208,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1326, 63.2789, 63.6883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 208, 200) }
```

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

```
.background{ background-color: rgb(212,  
208, 200) }
```

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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