

Converting Colors

XYZ(57.0018, 60.8725, 51.4924)

Have a look what the booklet for
XYZ(57.0018, 60.8725, 51.4924)
contains.

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Color

**XYZ(56.8320, 60.7662,
51.3815)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CDB3
RGB	211, 205, 179
RGB Percent	83%, 80%, 70%
CMY	0.1725, 0.1961, 0.2980
CMYK	0.00, 0.03, 0.15, 0.17
HSL	49°, 27%, 76%
HSV	49°, 15%, 83%
XYZ	56.8320, 60.7662, 51.3815
YIQ	203.8300, 11.9220, -6.8140

Conversions

Conversions Part 2

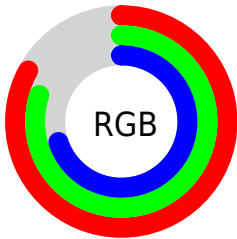
Format	Color
R _{YB}	186, 211, 179
Decimal	13880755
CIE Lab	82.25, -2.27, 13.69
CIE LCh	82, 13.880, 99.420
Yxy	60.7662, 0.3363, 0.3596
Android (android.graphics.Color)	4292070835 (0xFFD3CDB3)
YUV	203.8300, -12.2412, 6.2881
Hunter-Lab	77.9527, -6.2804, 15.4866

Details

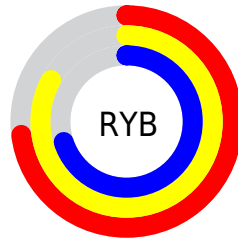
The XYZ color **56.8320, 60.7662, 51.3815** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.6971, 48.9839, 68.5695**, and the grayscale version is **57.3581, 60.3452, 65.7159**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **28.5428, 30.7075, 24.1614** is the 20% darker color. If you saturate the color by 10%, you get **53.9260, 58.1117, 40.6778**, and if you desaturate by 10%, it is **60.0918, 63.6046, 63.8157**.

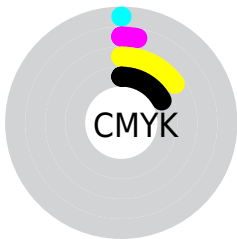
Distribution



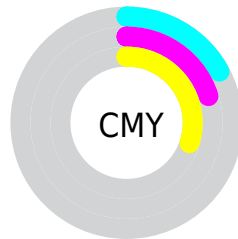
- Red (83%)
- Green (80%)
- Blue (70%)



- Red (73%)
- Yellow (83%)
- Blue (70%)



- Cyan (0%)
- Magenta (3%)
- Yellow (15%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8320, 60.7662, 51.3815 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 56.8320, 60.7662, 51.3815 by changing the saturation by 10% instead.

■ 56.8320, 60.7662,
51.3815

■ 56.8320, 60.7662,
51.3815

402.8439,
427.4162, 408.9330

■ 41.1100, 44.0365,
36.1335

■ 99.3528, 105.9403,
93.6357

■ 28.5931, 30.6992,
24.2468

126.8823,
135.1536, 121.4790

■ 18.9159, 20.3699,
15.3029

159.0783,
169.2968, 154.3578

■ 11.7132, 12.6642,
8.8833

196.3062,
208.7544, 192.6906

■ 6.6195, 7.1977,
4.5693

238.9314,
253.9107, 236.8959

■ 3.2695, 3.5861,
1.9426

287.3191,

■ 1.2978, 1.4448,

305.1502, 287.3925

0.5196

341.8348,
362.8572, 344.5986

■ 0.1816, 0.2494,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8320, 60.7662,
51.3815

■ 56.8320, 60.7662,
51.3815

■ 53.9260, 58.1117,
40.6778

■ 60.0918, 63.6046,
63.8157

■ 51.3539, 55.6266,
31.6227

■ 63.7144, 66.6246,
78.0494

■ 49.1012, 53.3070,
24.1334

■ 67.7149, 69.8345,
94.1528

■ 47.1505, 51.1455,
18.1187

■ 70.7229, 72.6865,
104.9101

■ 45.4823, 49.1342,
13.4775

■ 71.7780, 74.7966,
105.2618

■ 44.0749, 47.2641,
10.0963

■ 72.8578, 76.9562,
105.6218

■ 42.9031, 45.5247,
7.8431

■ 73.9625, 79.1656,
105.9900

■ 41.9361, 43.9034,
6.5569

■ 75.0923, 81.4251,
106.3666

■ 41.5153, 43.1512,
6.1409

■ 76.2473, 83.7351,
106.7516

Harmonies

Analogous

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



59.7758, 60.7662, 52.0763



56.8320, 60.7662, 51.3815



54.2249, 60.7662, 54.3785

Triad

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



56.8320, 60.7662, 51.3815



53.4796, 60.7662, 77.0382



63.2377, 60.7662, 72.0474

Complementary

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



56.8320, 60.7662, 51.3815



47.6971, 48.9839, 68.5695

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.



61.4381, 60.7662, 79.5402



56.8320, 60.7662, 51.3815



55.7831, 60.7662, 82.5877

Square

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



56.8320, 60.7662, 51.3815



52.3333, 60.7662, 68.8617



58.6909, 60.7662, 83.5404



63.5418, 60.7662, 63.5378

Rectangle

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



56.8320, 60.7662, 51.3815



53.0041, 60.7662, 58.2300



58.6909, 60.7662, 83.5404



62.7847, 60.7662, 74.7879

Sweetspot

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



56.8336, 60.7689, 51.3828



92.3072, 97.6911, 98.1926



51.7840, 49.6096, 52.9678



19.6775, 20.8417, 20.7073



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.



56.8336, 60.7689, 51.3828



85.8385, 92.0234, 73.6247



55.6267, 62.3169, 51.7452



12.6073, 13.4053, 12.5350



25.1248, 26.1826, 3.7295



1.4547, 1.5637, 0.2251

Inverse Universe

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



47.6971, 48.9839, 68.5695



69.3665, 70.7774, 104.6131



48.7659, 47.7119, 68.2677



11.3404, 11.7710, 14.9180



7.5999, 3.8465, 37.5344



0.4797, 0.3247, 2.1169

Previews

White Background



This preview shows how the XYZ color 56.8320, 60.7662, 51.3815 looks on a white background.

Color Contrast Check

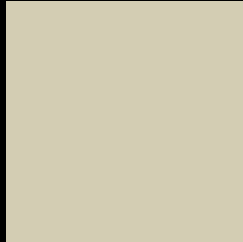
Large Text (above 18pt) WCAG AA × Fail

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 56.8320, 60.7662, 51.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

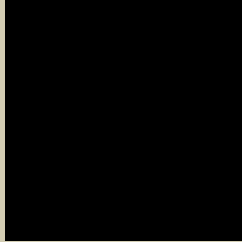
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

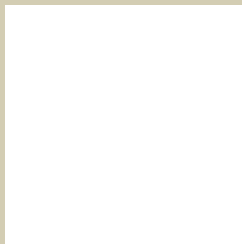
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8320, 60.7662, 51.3815

Background



This preview shows how black text looks on a background with the XYZ color 56.8320, 60.7662, 51.3815.



This preview shows how white text looks on a background with the XYZ color 56.8320, 60.7662,

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

56.8320, 60.7662, 51.3815

Protanopia

57.3603, 60.6962, 50.8118

Deuteranopia

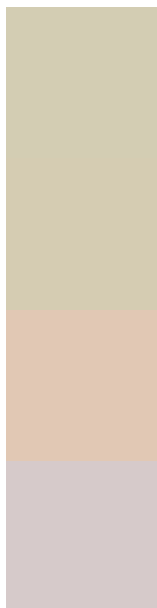
61.9110, 60.5923, 52.1485



Tritanopia

61.2389, 60.8138, 72.8006

Trichromacy



Original Color

56.8320, 60.7662, 51.3815

Protanomaly

57.0693, 60.5462, 50.7982

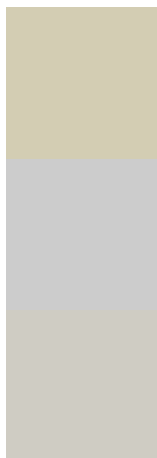
Deuteranomaly

59.9438, 60.6114, 51.7198

Tritanomaly

59.5128, 60.8015, 64.4763

Monochromacy



Original Color

56.8320, 60.7662, 51.3815

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.1753, 60.3913, 60.2730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8320, 60.7662, 51.3815 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(211, 205, 179) looks like.

```
.text, #text, p{  
    color:rgb(211, 205, 179)  
}
```

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(211, 205, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 205, 179) }
```

Border

The CSS property to change the border of an element to XYZ 56.8320, 60.7662, 51.3815 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(211, 205, 179) }
```


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

```
.border{ border-color:rgb(211, 205, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 205, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 205, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 205, 179);  
box-shadow:4px 4px 4px 4px rgb(211, 205,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8320, 60.7662, 51.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 205, 179) }
```

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

```
.background{ background-color: rgb(211,  
205, 179) }
```

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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