

Converting Colors

XYZ(57.6713, 60.3041, 60.1124)

Have a look what the booklet for
XYZ(57.6713, 60.3041, 60.1124)
contains.

XYZ(57.7846, 60.3536, 60.2336)	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(57.7846, 60.3536,
60.2336)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CBC3
RGB	210, 203, 195
RGB Percent	82%, 80%, 76%
CMY	0.1765, 0.2039, 0.2353
CMYK	0.00, 0.03, 0.07, 0.18
HSL	32°, 14%, 79%
HSV	32°, 7%, 82%
XYZ	57.7846, 60.3536, 60.2336
YIQ	204.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

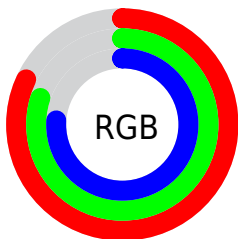
Format	Color
RYB	208, 210, 195
Decimal	13814723
CIELab	82.03, 1.03, 4.84
CIElCh	82, 4.945, 77.983
Yxy	60.3536, 0.3240, 0.3384
Android (android.graphics.Color)	4292004803 (0xFFD2CBC3)
YUV	204.1810, -4.5262, 5.1033
Hunter-Lab	77.6876, -3.1836, 8.4119

Details

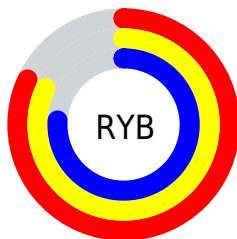
The XYZ color **57.7846, 60.3536, 60.2336** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2590, 58.4954, 69.3518**, and the grayscale version is **57.5351, 60.5314, 65.9187**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.2655, 30.4859, 29.5412** is the 20% darker color. If you saturate the color by 10%, you get **53.3352, 54.9907, 47.8483**, and if you desaturate by 10%, it is **62.7175, 66.1476, 74.4290**.

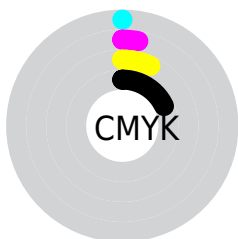
Distribution



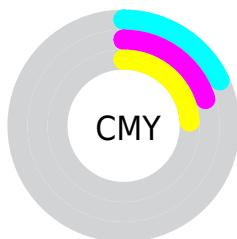
- Red (82%)
- Green (80%)
- Blue (76%)



- Red (82%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7846, 60.3536, 60.2336 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 57.7846, 60.3536, 60.2336 by changing the saturation by 10% instead.

■ 57.7846, 60.3536,
60.2336

■ 57.7846, 60.3536,
60.2336

406.3496,
425.8999, 443.2868

■ 41.8781, 43.7037,
43.1804

100.7339,
105.3424, 106.7151

■ 29.1965, 30.4376,
29.6943

128.5074,
134.4502, 136.9806

■ 19.3746, 20.1710,
19.3566

160.9673,
168.4793, 172.4872

■ 12.0469, 12.5194,
11.7488

198.4788,
207.8143, 213.6535

■ 6.8480, 7.0985,
6.4524

241.4075,
252.8394, 260.8981

■ 3.4127, 3.5238,
3.0489

290.1187,

■ 1.3756, 1.4109,

303.9391, 314.6395

1.1196

344.9776,
361.4978, 375.2962

■ 0.2387, 0.2247,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7846, 60.3536,
60.2336

■ 57.7846, 60.3536,
60.2336

■ 53.3352, 54.9907,
47.8483

■ 62.7175, 66.1476,
74.4290

■ 49.3478, 50.0403,
37.1954

■ 68.1445, 72.3754,
90.5003

■ 45.8064, 45.4934,
28.1971

■ 73.5951, 78.8546,
105.9493

■ 42.6922, 41.3380,
20.7681

■ 76.4357, 84.5360,
106.8962

■ 39.9848, 37.5613,
14.8157

■ 79.4326, 90.5297,
107.8952

■ 37.6619, 34.1495,
10.2369

■ 80.3887, 92.4418,
108.2139

■ 35.6983, 31.0875,
6.9154

■ 34.0654, 28.3587,
4.7153

■ 32.7253, 25.9425,
3.4549

Harmonies

Analogous

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



58.7228, 60.3536, 61.5224



57.7846, 60.3536, 60.2336



56.7448, 60.3536, 60.3803

Triad

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



57.7846, 60.3536, 60.2336



55.4701, 60.3536, 67.5115



58.8735, 60.3536, 69.6514

Complementary

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



57.7846, 60.3536, 60.2336



55.2590, 58.4954, 69.3518

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.



57.9883, 60.3536, 71.3546



57.7846, 60.3536, 60.2336



56.0268, 60.3536, 70.0935

Square

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



57.7846, 60.3536, 60.2336



55.4170, 60.3536, 64.5213



56.9460, 60.3536, 71.5188



59.3566, 60.3536, 66.9230

Rectangle

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



57.7846, 60.3536, 60.2336



56.1338, 60.3536, 61.2729



56.9460, 60.3536, 71.5188



58.6126, 60.3536, 70.3663

Sweetspot

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



57.7863, 60.3562, 60.2349



93.4855, 98.1675, 104.3813



56.7549, 56.9970, 63.8882



20.0262, 21.0312, 22.3892



0.0000, 0.0000, 0.0000



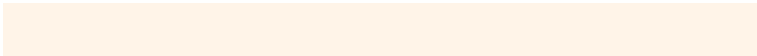
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.7863, 60.3562, 60.2349



88.2523, 91.9685, 89.4815



59.3339, 63.6625, 60.7915



12.3235, 12.8378, 12.4405



19.8518, 15.6367, 1.9719



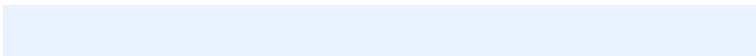
1.1890, 1.0324, 0.1366

Inverse Universe

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



55.2590, 58.4954, 69.3518



83.3221, 88.3384, 107.2672



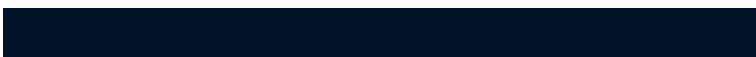
53.7839, 55.3531, 68.8230



11.6117, 12.3137, 15.0084



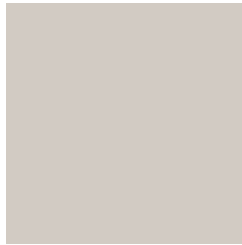
9.8558, 8.3582, 38.2863



0.6301, 0.6255, 2.1671

Previews

White Background



This preview shows how the XYZ color 57.7846, 60.3536, 60.2336 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 57.7846, 60.3536, 60.2336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

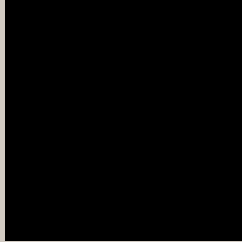
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7846, 60.3536, 60.2336

Background



This preview shows how black text looks on a background with the XYZ color 57.7846, 60.3536, 60.2336.

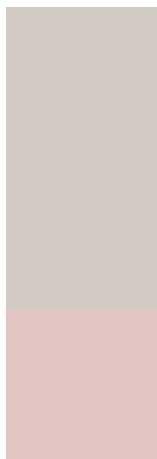


This preview shows how white text looks on a background with the XYZ color 57.7846, 60.3536,

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

57.7846, 60.3536, 60.2336

Protanopia

57.7846, 60.3536, 60.2336

Deuteranopia

61.6086, 60.2489, 60.6066



Tritanopia

60.4895, 60.4126, 73.4384

Trichromacy



Original Color

57.7846, 60.3536, 60.2336

Protanomaly

57.7846, 60.3536, 60.2336

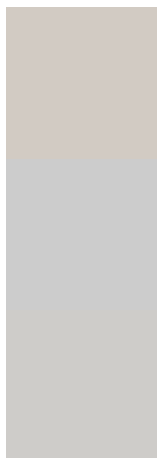
Deuteranomaly

60.2060, 60.2045, 60.6720

Tritanomaly

59.4232, 60.3244, 68.1863

Monochromacy



Original Color

57.7846, 60.3536, 60.2336

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.5891, 60.5246, 63.9055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7846, 60.3536, 60.2336 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(210, 203, 195) looks like.

```
.text, #text, p{  
    color:rgb(210, 203, 195)  
}
```

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(210, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 203, 195) }
```

Border

The CSS property to change the border of an element to XYZ 57.7846, 60.3536, 60.2336 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(210, 203, 195) }
```


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

```
.border{ border-color:rgb(210, 203, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 203, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(210, 203,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7846, 60.3536, 60.2336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 203, 195) }
```

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

```
.background{ background-color: rgb(210,  
203, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor