

Converting Colors

XYZ(27.5881, 23.4695, 17.6575)

Have a look what the booklet for
XYZ(27.5881, 23.4695, 17.6575)
contains.

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Color

**XYZ(27.5988, 23.5260,
17.5543)**

Conversions

Conversions Part 1

Format	Color
Hex	B2766D
RGB	178, 118, 109
RGB Percent	70%, 46%, 43%
CMY	0.3020, 0.5372, 0.5725
CMYK	0.00, 0.34, 0.39, 0.30
HSL	8°, 31%, 56%
HSV	8°, 39%, 70%
XYZ	27.5988, 23.5260, 17.5543
YIQ	134.9140, 38.6490, 9.9210

Conversions

Conversions Part 2

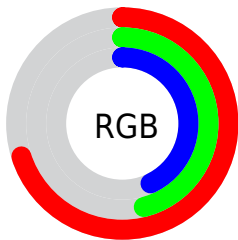
Format	Color
R _Y B	178, 119, 109
Decimal	11695725
CIE Lab	55.61, 22.43, 14.61
CIE LCh	56, 26.772, 33.082
Yxy	23.5260, 0.4019, 0.3425
Android (android.graphics.Color)	4289885805 (0xFFB2766D)
YUV	134.9140, -12.7756, 37.7864
Hunter-Lab	48.5036, 16.6861, 12.4944

Details

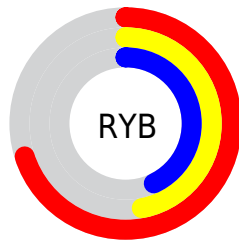
The XYZ color **27.5988, 23.5260, 17.5543** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.5297, 34.8398, 47.3404**, and the grayscale version is **23.0336, 24.2332, 26.3899**.

A 20% lighter version of the original color is **55.1690, 49.3261, 39.8709**, and **11.1660, 8.8150, 5.6704** is the 20% darker color. If you saturate the color by 10%, you get **25.0605, 19.8306, 12.4499**, and if you desaturate by 10%, it is **30.6315, 27.8994, 23.7813**.

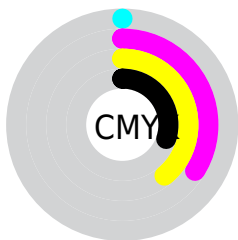
Distribution



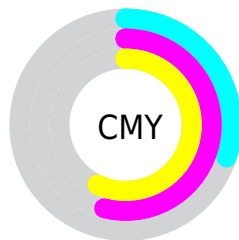
- Red (70%)
- Green (46%)
- Blue (43%)



- Red (70%)
- Yellow (47%)
- Blue (43%)



- Cyan (0%)
- Magenta (34%)
- Yellow (39%)
- Black (30%)





- Cyan (30%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5988, 23.5260, 17.5543 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 27.5988, 23.5260, 17.5543 by changing the saturation by 10% instead.


 27.5988, 23.5260,
17.5543


 27.5988, 23.5260,
17.5543

282.6598,
270.4153, 250.4979


 18.1624, 14.9824,
10.4644


 55.2564, 49.2556,
40.0800


 11.1670, 8.8070,
5.5983


 74.2083, 67.2103,
56.3529

 6.2474, 4.6155,
2.5376


 97.0627, 89.0709,
76.5238

 3.0382, 2.0235,
0.8600

 124.1849,
115.2218, 101.0112

 1.1740, 0.6211,
0.0000

155.9404,
146.0472, 130.2339

 0.0857, 0.0000,
0.0000

192.6945,

 0.0000, 0.0000,

181.9317, 164.6101

0.0000

234.8125,
223.2596, 204.5586

■ 27.5988, 23.5260,
17.5543

■ 27.5988, 23.5260,
17.5543

■ 25.0605, 19.8306,
12.4499

■ 30.6315, 27.8994,
23.7813

■ 22.9883, 16.7759,
8.3997

■ 34.1811, 32.9790,
31.1910

■ 21.3540, 14.3264,
5.3302


■ 38.2710, 38.7952,
39.8406


■ 20.1255, 12.4413,
3.1576


■ 42.9225, 45.3760,
49.7834

■ 19.2661, 11.0751,
1.7841

■ 48.1558, 52.7476,
61.0697


 18.7228, 10.1711,
1.0396

 53.9903, 60.9353,
73.7467

 18.6710, 10.0869,
0.9629

 60.4441, 69.9629,
87.8598

 67.5349, 79.8535,
103.4519

 72.1700, 88.2049,
107.8292

Harmonies

Analogous

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



28.6885, 23.5260, 24.7303



27.5988, 23.5260, 17.5543



25.0996, 23.5260, 13.4453

Triad

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



27.5988, 23.5260, 17.5543



17.5636, 23.5260, 18.7884



22.6751, 23.5260, 46.1180

Complementary

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



27.5988, 23.5260, 17.5543



28.5297, 34.8398, 47.3404

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.



19.8288, 23.5260, 43.5317



27.5988, 23.5260, 17.5543



17.0395, 23.5260, 26.5223

Square

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



27.5988, 23.5260, 17.5543



19.3328, 23.5260, 14.0368



17.8313, 23.5260, 35.8304



25.6894, 23.5260, 42.2683

Rectangle

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



27.5988, 23.5260, 17.5543



23.0689, 23.5260, 12.3790



17.8313, 23.5260, 35.8304



21.6673, 23.5260, 45.9743

Sweetspot

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



27.5994, 23.5271, 17.5548



66.7349, 66.5663, 66.5864



31.0797, 23.3028, 40.8651



14.5718, 14.4446, 14.3007



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.5994, 23.5271, 17.5548



45.8461, 36.5476, 23.3725



32.2757, 32.8798, 19.1135



8.5828, 8.6781, 8.8752



13.3864, 7.2714, 0.6980



0.4495, 0.2853, 0.0314

Inverse Universe

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



28.5297, 34.8398, 47.3404



47.7631, 60.0871, 85.4618



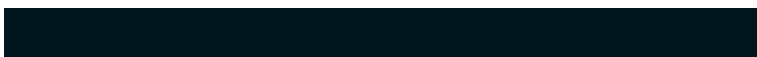
23.0696, 23.9195, 45.5203



8.6462, 9.4386, 10.8725



14.1419, 19.0842, 33.0752



0.4711, 0.6528, 1.0494

Previews

White Background



This preview shows how the XYZ color 27.5988, 23.5260, 17.5543 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5988, 23.5260, 17.5543 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 × Fail

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

XYZ 27.5988, 23.5260, 17.5543

Background



This preview shows how black text looks on a background with the XYZ color 27.5988, 23.5260, 17.5543.



This preview shows how white text looks on a background with the XYZ color 27.5988, 23.5260,

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

27.5988, 23.5260, 17.5543

Protanopia

22.3551, 23.6115, 19.9022

Deuteranopia

24.0833, 23.5678, 17.1896



Tritanopia

28.4739, 23.5297, 22.1097

Trichromacy



Original Color

27.5988, 23.5260, 17.5543

Protanomaly

24.0262, 23.5006, 18.8925

Deuteranomaly

25.2243, 23.3905, 17.3727

Tritanomaly

28.2815, 23.6382, 20.5248

Monochromacy



Original Color

27.5988, 23.5260, 17.5543

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.3787, 23.7862, 23.0450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5988, 23.5260, 17.5543 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(178, 118, 109)` looks like.

```
.text, #text, p{  
    color:rgb(178, 118, 109)  
}
```

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(178, 118, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 118, 109) }
```

Border

The CSS property to change the border of an element to XYZ 27.5988, 23.5260, 17.5543 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(178, 118, 109) }
```


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

```
.border{ border-color:rgb(178, 118, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 118, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 118, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 118, 109);  
box-shadow:4px 4px 4px 4px rgb(178, 118,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5988, 23.5260, 17.5543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 118, 109) }
```

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

```
.background{ background-color: rgb(178,  
118, 109) }
```

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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