

Converting Colors

XYZ(27.5281, 23.2506, 20.4777)

Have a look what the booklet for
XYZ(27.5281, 23.2506, 20.4777)
contains.

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Color

**XYZ(27.5956, 23.2846,
20.4927)**

Conversions

Conversions Part 1

Format	Color
Hex	B07577
RGB	176, 117, 119
RGB Percent	69%, 46%, 47%
CMY	0.3098, 0.5412, 0.5333
CMYK	0.00, 0.34, 0.32, 0.31
HSL	358°, 27%, 57%
HSV	358°, 34%, 69%
XYZ	27.5956, 23.2846, 20.4927
YIQ	134.8690, 34.5220, 13.1300

Conversions

Conversions Part 2

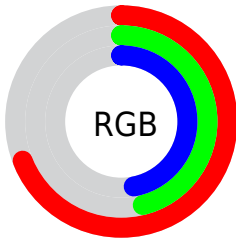
Format	Color
R_{YB}	176, 117, 119
Decimal	11564407
CIE _{Lab}	55.36, 23.48, 8.43
CIE _{LCh}	55, 24.945, 19.743
Yxy	23.2846, 0.3866, 0.3262
Android (android.graphics.Color)	4289754487 (0xFFB07577)
YUV	134.8690, -7.8234, 36.0719
Hunter-Lab	48.2541, 17.6360, 8.5984

Details

The XYZ color **27.5956, 23.2846, 20.4927** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.5025, 37.8892, 45.7521**, and the grayscale version is **23.0002, 24.1980, 26.3517**.

A 20% lighter version of the original color is **55.3297, 49.0134, 45.0724**, and **11.2305, 8.7268, 7.0538** is the 20% darker color. If you saturate the color by 10%, you get **24.8029, 19.1899, 14.9662**, and if you desaturate by 10%, it is **30.9578, 28.2257, 27.1110**.

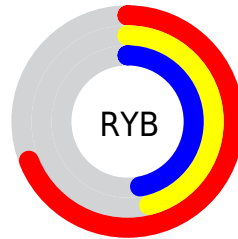
Distribution



Red (69%)

Green (46%)

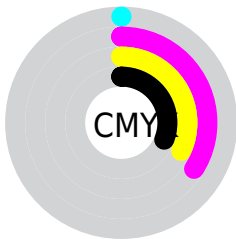
Blue (47%)



Red (69%)

Yellow (46%)

Blue (47%)

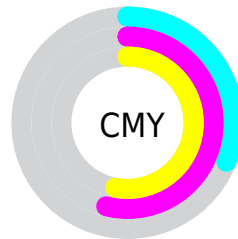


Cyan (0%)

Magenta (34%)

Yellow (32%)

Black (31%)



Cyan (31%)


Magenta (54%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5956, 23.2846, 20.4927 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 27.5956, 23.2846, 20.4927 by changing the saturation by 10% instead.


 27.5956, 23.2846,
20.4927


 27.5956, 23.2846,
20.4927


282.6447,
269.1834, 267.2620


 18.1599, 14.8038,
12.5661


 55.2513, 48.8602,
45.1115

 11.1653, 8.6818,
7.0032


 74.2021, 66.7238,
62.6407

 6.2462, 4.5342,
3.3856


 97.0553, 88.4838,
84.2079

 3.0374, 1.9767,
1.2948

124.1762,
114.5246, 110.2316

 1.1736, 0.5939,
0.0575

155.9303,
145.2305, 141.1303

 0.0854, 0.0000,
0.0000

192.6828,

 0.0000, 0.0000,

180.9861, 177.3225

0.0000

234.7992,
222.1756, 219.2269

■ 27.5956, 23.2846,
20.4927

■ 27.5956, 23.2846,
20.4927

■ 24.8029, 19.1899,
14.9662

■ 30.9578, 28.2257,
27.1110

■ 22.5465, 15.8910,
10.4716

■ 34.9166, 34.0533,
34.8739

■ 20.7925, 13.3372,
6.9453

■ 39.4998, 40.8092,
43.8324

■ 19.5025, 11.4706,
4.3161

■ 44.7325, 48.5314,
54.0341

■ 18.6325, 10.2245,
2.5032

■ 50.6389, 57.2558,
65.5239

■ 18.1299, 9.5193,
1.4111

■ 57.2416, 67.0165,
78.3445

■ 17.9372, 9.2432,
1.0097

■ 64.5623, 77.8459,
92.5367

■ 71.7146, 87.9701,
107.8079

Harmonies

Analogous

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



27.8634, 23.2846, 28.1990



27.5956, 23.2846, 20.4927



25.7962, 23.2846, 15.3121

Triad

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



27.5956, 23.2846, 20.4927



18.2714, 23.2846, 16.6369



21.1864, 23.2846, 43.7546

Complementary

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



27.5956, 23.2846, 20.4927



30.5025, 37.8892, 45.7521

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.



18.8311, 23.2846, 39.0352



27.5956, 23.2846, 20.4927



17.2447, 23.2846, 22.7052

Square

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



27.5956, 23.2846, 20.4927



20.3619, 23.2846, 13.4329



17.4406, 23.2846, 30.9267



24.0004, 23.2846, 42.8119

Rectangle

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



27.5956, 23.2846, 20.4927



24.0483, 23.2846, 13.4639



17.4406, 23.2846, 30.9267



20.3190, 23.2846, 42.7449

Sweetspot

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



27.5962, 23.2857, 20.4932



65.9793, 65.6693, 68.4390



31.4431, 24.7482, 44.1941



14.0600, 13.8797, 14.3648



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.5962, 23.2857, 20.4932



46.3117, 36.7487, 29.7762



31.0214, 30.3259, 21.0495



8.5076, 8.5098, 8.9056



13.1652, 6.7837, 0.7642



0.4181, 0.2150, 0.0442

Inverse Universe

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



27.5962, 23.2857, 20.4932



46.3117, 36.7487, 29.7762



25.9924, 28.5551, 45.2162



8.5076, 8.5098, 8.9056



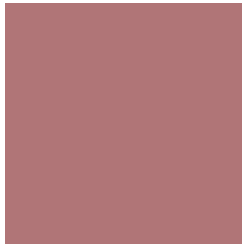
13.1652, 6.7837, 0.7642



0.4181, 0.2150, 0.0442

Previews

White Background



This preview shows how the XYZ color 27.5956, 23.2846, 20.4927 looks on a white background.

Color Contrast Check

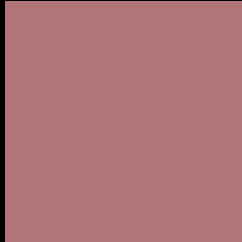
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5956, 23.2846, 20.4927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

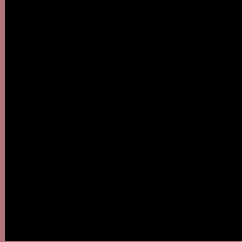
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5956, 23.2846, 20.4927

Background



This preview shows how black text looks on a background with the XYZ color 27.5956, 23.2846, 20.4927.



This preview shows how white text looks on a background with the XYZ color 27.5956, 23.2846,

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

27.5956, 23.2846, 20.4927

Protanopia

22.3986, 23.3532, 23.4058

Deuteranopia

23.8790, 23.3981, 20.0873



Tritanopia

28.0785, 23.3186, 22.4231

Trichromacy



Original Color

27.5956, 23.2846, 20.4927

Protanomaly

23.9900, 23.2133, 22.2850

Deuteranomaly

25.1756, 23.3004, 20.3101

Tritanomaly

27.9520, 23.2680, 21.7568

Monochromacy



Original Color

27.5956, 23.2846, 20.4927

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.2593, 23.5074, 24.0276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5956, 23.2846, 20.4927 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(176, 117, 119)` looks like.

```
.text, #text, p{  
    color:rgb(176, 117, 119)  
}
```

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(176, 117, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 117, 119) }
```

Border

The CSS property to change the border of an element to XYZ 27.5956, 23.2846, 20.4927 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(176, 117, 119) }
```


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

```
.border{ border-color:rgb(176, 117, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 117, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 117, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 117, 119); box-shadow:4px 4px 4px 4px rgb(176, 117, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5956, 23.2846, 20.4927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 117, 119) }
```

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

```
.background{ background-color: rgb(176,  
117, 119) }
```

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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