

Converting Colors

XYZ(27.1385, 23.5850, 18.5942)

Have a look what the booklet for
XYZ(27.1385, 23.5850, 18.5942)
contains.

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Color

**XYZ(27.0967, 23.6015,
18.4566)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7870
RGB	174, 120, 112
RGB Percent	68%, 47%, 44%
CMY	0.3176, 0.5294, 0.5608
CMYK	0.00, 0.31, 0.36, 0.32
HSL	8°, 28%, 56%
HSV	8°, 36%, 68%
XYZ	27.0967, 23.6015, 18.4566
YIQ	135.2340, 34.7520, 8.9600

Conversions

Conversions Part 2

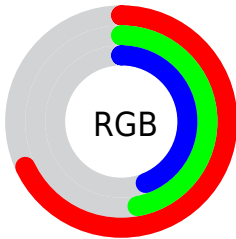
Format	Color
RYB	174, 121, 112
Decimal	11434096
CIELab	55.69, 20.08, 12.91
CIELCh	56, 23.874, 32.738
Yxy	23.6015, 0.3918, 0.3413
Android (android.graphics.Color)	4289624176 (0xFFAE7870)
YUV	135.2340, -11.4544, 33.9978
Hunter-Lab	48.5814, 14.5426, 11.4820

Details

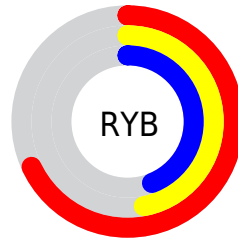
The XYZ color **27.0967, 23.6015, 18.4566** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.9578, 33.7719, 45.0896**, and the grayscale version is **23.1488, 24.3543, 26.5218**.

A 20% lighter version of the original color is **54.5994, 49.5564, 41.8096**, and **10.9244, 8.8697, 5.9867** is the 20% darker color. If you saturate the color by 10%, you get **24.5395, 19.8905, 13.2775**, and if you desaturate by 10%, it is **30.1309, 27.9666, 24.7189**.

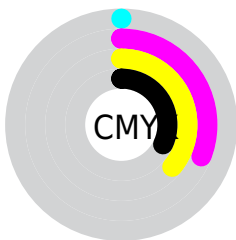
Distribution



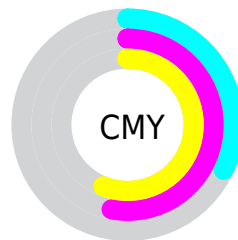
- Red (68%)
- Green (47%)
- Blue (44%)



- Red (68%)
- Yellow (47%)
- Blue (44%)



- Cyan (0%)
- Magenta (31%)
- Yellow (36%)
- Black (32%)




- Cyan (32%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0967, 23.6015, 18.4566 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 27.0967, 23.6015, 18.4566 by changing the saturation by 10% instead.


 27.0967, 23.6015,
18.4566

 27.0967, 23.6015,
18.4566


280.2840,
270.7996, 255.7542


 17.7828, 15.0383,
11.1055


 54.4578, 49.3791,
41.6382


 10.8929, 8.8463,
6.0228


 73.2357, 67.3623,
58.3058

 6.0616, 4.6410,
2.7899


 95.8990, 89.2543,
78.9160

 2.9236, 2.0382,
0.9884

 122.8131,
115.4394, 103.8872

 1.1135, 0.6295,
0.0000

154.3433,
146.3021, 133.6382

 0.0364, 0.0000,
0.0000

190.8549,

 0.0000, 0.0000,

182.2268, 168.5873

0.0000

232.7134,
223.5978, 209.1531

■ 27.0967, 23.6015,
18.4566

■ 27.0967, 23.6015,
18.4566

■ 24.5395, 19.8905,
13.2775

■ 30.1309, 27.9666,
24.7189

■ 22.4329, 16.7987,
9.1185

■ 33.6627, 33.0115,
32.1196

■ 20.7512, 14.2933,
5.9126

■ 37.7139, 38.7650,
40.7118

■ 19.4648, 12.3369,
3.5836

■ 42.3046, 45.2529,
50.5451

■ 18.5406, 10.8879,
2.0441

■ 47.4534, 52.5000,
61.6659

■ 17.9386, 9.8981,
1.1833

■ 53.1784, 60.5297,
74.1185

■ 17.7514, 9.5904,
0.9155

■ 59.4967, 69.3646,
87.9450

■ 66.4248, 79.0261,
103.1856

■ 71.2656, 87.7387,
107.7869

Harmonies

Analogous

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



28.0375, 23.6015, 24.9932



27.0967, 23.6015, 18.4566



24.8996, 23.6015, 14.6034

Triad

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



27.0967, 23.6015, 18.4566



18.1206, 23.6015, 19.4625



22.6818, 23.6015, 43.6272

Complementary

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



27.0967, 23.6015, 18.4566



27.9578, 33.7719, 45.0896

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.



20.1340, 23.6015, 41.3386



27.0967, 23.6015, 18.4566



17.6292, 23.6015, 26.4160

Square

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



27.0967, 23.6015, 18.4566



19.7364, 23.6015, 15.0969



18.3369, 23.6015, 34.6220



25.3637, 23.6015, 40.3696

Rectangle

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



27.0967, 23.6015, 18.4566



23.0962, 23.6015, 13.5756



18.3369, 23.6015, 34.6220



21.7816, 23.6015, 43.4816

Sweetspot

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



27.0973, 23.6026, 18.4571



64.2029, 64.3487, 64.9048



30.2034, 23.3686, 39.3651



14.0572, 14.0001, 13.9755



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.



27.0973, 23.6026, 18.4571



45.3163, 37.2514, 25.6969



31.3240, 32.0560, 19.8660



8.0855, 8.1758, 8.3653



12.9007, 7.0070, 0.6725



0.3844, 0.2459, 0.0272

Inverse Universe

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



27.9578, 33.7719, 45.0896



47.1022, 58.5102, 81.4479



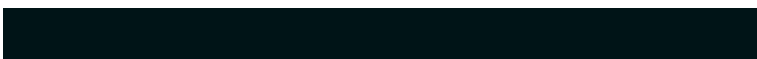
23.0936, 24.0436, 43.4682



8.1468, 8.8930, 10.2398



13.6614, 18.4566, 31.8870



0.4041, 0.5615, 0.8951

Previews

White Background



This preview shows how the XYZ color 27.0967, 23.6015, 18.4566 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 27.0967, 23.6015, 18.4566 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 27.0967, 23.6015, 18.4566

Background



This preview shows how black text looks on a background with the XYZ color 27.0967, 23.6015, 18.4566.



This preview shows how white text looks on a background with the XYZ color 27.0967, 23.6015,

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

27.0967, 23.6015, 18.4566

Protanopia

22.5325, 23.6824, 20.8363

Deuteranopia

24.1823, 23.7949, 18.0702



Tritanopia

27.9884, 23.6031, 23.1594

Trichromacy



Original Color

27.0967, 23.6015, 18.4566

Protanomaly

23.8205, 23.3747, 19.7793

Deuteranomaly

25.2304, 23.7508, 18.2935

Tritanomaly

27.7889, 23.7128, 21.5247

Monochromacy



Original Color

27.0967, 23.6015, 18.4566

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.2078, 23.8871, 23.4135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0967, 23.6015, 18.4566 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(174, 120, 112)` looks like.

```
.text, #text, p{  
    color:rgb(174, 120, 112)  
}
```

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(174, 120, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 120, 112) }
```

Border

The CSS property to change the border of an element to XYZ 27.0967, 23.6015, 18.4566 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(174, 120, 112) }
```


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

```
.border{ border-color:rgb(174, 120, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 120, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 120, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 120, 112);  
box-shadow:4px 4px 4px 4px rgb(174, 120,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0967, 23.6015, 18.4566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 120, 112) }
```

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

```
.background{ background-color: rgb(174,  
120, 112) }
```

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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