

Converting Colors

XYZ(27.0338, 23.6796, 15.6140)

Have a look what the booklet for
XYZ(27.0338, 23.6796, 15.6140)
contains.

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Color

**XYZ(27.0192, 23.6224,
15.7059)**

Conversions

Conversions Part 1

Format	Color
Hex	B07866
RGB	176, 120, 102
RGB Percent	69%, 47%, 40%
CMY	0.3098, 0.5294, 0.6000
CMYK	0.00, 0.32, 0.42, 0.31
HSL	15°, 32%, 55%
HSV	15°, 42%, 69%
XYZ	27.0192, 23.6224, 15.7059
YIQ	134.6920, 39.1540, 6.2740

Conversions

Conversions Part 2

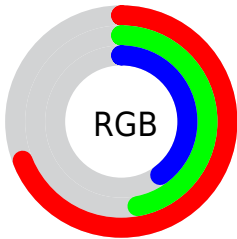
Format	Color
R_{YB}	176, 126, 102
Decimal	11565158
CIE _{Lab}	55.71, 19.68, 18.74
CIE _{LCh}	56, 27.176, 43.610
Yxy	23.6224, 0.4072, 0.3560
Android (android.graphics.Color)	4289755238 (0xFFB07866)
YUV	134.6920, -16.1172, 36.2271
Hunter-Lab	48.6029, 14.1763, 14.8626

Details

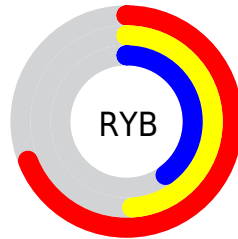
The XYZ color **27.0192, 23.6224, 15.7059** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5421, 30.4116, 45.5979**, and the grayscale version is **22.9632, 24.1591, 26.3093**.

A 20% lighter version of the original color is **54.2976, 49.5107, 36.8317**, and **10.8280, 8.8473, 4.7514** is the 20% darker color. If you saturate the color by 10%, you get **24.7455, 20.3267, 11.0893**, and if you desaturate by 10%, it is **29.7022, 27.4401, 21.3736**.

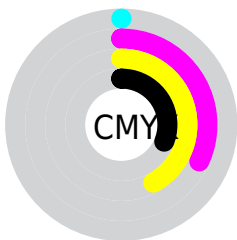
Distribution



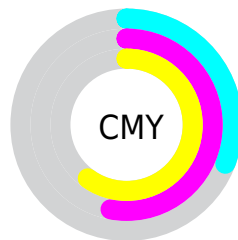
- Red (69%)
- Green (47%)
- Blue (40%)



- Red (69%)
- Yellow (49%)
- Blue (40%)



- Cyan (0%)
- Magenta (32%)
- Yellow (42%)
- Black (31%)





- Cyan (31%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0192, 23.6224, 15.7059 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 27.0192, 23.6224, 15.7059 by changing the saturation by 10% instead.

 27.0192, 23.6224,
15.7059


 27.0192, 23.6224,
15.7059


279.9159,
270.9059, 239.3861


 17.7243, 15.0538,
9.1642


 54.3343, 49.4133,
36.8465


 10.8507, 8.8571,
4.7502


 73.0853, 67.4044,
52.2825

 6.0331, 4.6481,
2.0453


 95.7190, 89.3050,
71.5204

 2.9061, 2.0423,
0.5829

 122.6008,
115.4996, 94.9786

 1.1043, 0.6319,
0.0000

154.0960,
146.3726, 123.0758

 0.0287, 0.0000,
0.0000

190.5700,

 0.0000, 0.0000,

182.3084, 156.2304

0.0000

232.3882,
223.6914, 194.8610

■ 27.0192, 23.6224,
15.7059

■ 27.0192, 23.6224,
15.7059

■ 24.7455, 20.3267,
11.0893

■ 29.7022, 27.4401,
21.3736

■ 22.8584, 17.5266,
7.4572

■ 32.8121, 31.7979,
28.1508

■ 21.3355, 15.1984,
4.7371

■ 36.3677, 36.7172,
36.0931

■ 20.1511, 13.3149,
2.8462

■ 40.3860, 42.2173,
45.2521

■ 19.2758, 11.8460,
1.6861

■ 44.8831, 48.3165,
55.6761

■ 18.7618, 10.9448,
1.1237

■ 49.8744, 55.0324,
67.4110

■ 55.3746, 62.3815,
80.5001

■ 61.3975, 70.3802,
94.9851

■ 67.0750, 78.6912,
106.2614

Harmonies

Analogous

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



28.7143, 23.6224, 21.9324



27.0192, 23.6224, 15.7059



24.1653, 23.6224, 12.6391

Triad

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



27.0192, 23.6224, 15.7059



17.2365, 23.6224, 21.2256



23.8751, 23.6224, 45.9782

Complementary

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



27.0192, 23.6224, 15.7059



25.5421, 30.4116, 45.5979

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.



20.8224, 23.6224, 45.6653



27.0192, 23.6224, 15.7059



17.1742, 23.6224, 29.9221

Square

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



27.0192, 23.6224, 15.7059



18.6102, 23.6224, 15.2910



18.4315, 23.6224, 39.2831



26.7901, 23.6224, 40.0596

Rectangle

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



27.0192, 23.6224, 15.7059



22.0815, 23.6224, 12.2352



18.4315, 23.6224, 39.2831



22.8274, 23.6224, 46.6333

Sweetspot

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



27.0198, 23.6235, 15.7064



65.1535, 65.4837, 63.6442



28.8907, 21.2270, 35.2541



13.8065, 13.7593, 13.0888



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.



27.0198, 23.6235, 15.7064



45.3259, 37.5181, 20.9971



32.2360, 34.0559, 17.4451



8.6587, 8.8300, 8.9005



13.8055, 8.1095, 0.8377



0.4807, 0.3478, 0.0418

Inverse Universe

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



25.5421, 30.4116, 45.5979



42.2726, 51.3578, 82.1803



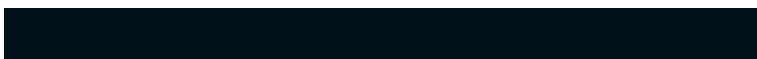
20.2430, 19.8133, 43.8315



8.5640, 9.2742, 10.8451



11.9692, 14.7388, 32.3510



0.4188, 0.5482, 1.0320

Previews

White Background



This preview shows how the XYZ color 27.0192, 23.6224, 15.7059 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 27.0192, 23.6224, 15.7059 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 27.0192, 23.6224, 15.7059

Background



This preview shows how black text looks on a background with the XYZ color 27.0192, 23.6224, 15.7059.



This preview shows how white text looks on a background with the XYZ color 27.0192, 23.6224,

15.7059.

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

27.0192, 23.6224, 15.7059

Protanopia

22.3872, 23.8837, 17.6174

Deuteranopia

24.1200, 23.6275, 15.3459



Tritanopia

28.4231, 23.6682, 22.4724

Trichromacy



Original Color

27.0192, 23.6224, 15.7059

Protanomaly

23.7782, 23.6111, 16.9398

Deuteranomaly

25.1996, 23.6061, 15.5402

Tritanomaly

27.8208, 23.5883, 19.9163

Monochromacy



Original Color

27.0192, 23.6224, 15.7059

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.1355, 23.8794, 22.0760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0192, 23.6224, 15.7059 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, 120, 102)` looks like.

```
.text, #text, p{  
    color:rgb(176, 120, 102)  
}
```

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, 120, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 120, 102) }
```

Border

The CSS property to change the border of an element to XYZ 27.0192, 23.6224, 15.7059 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, 120, 102) }
```


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

```
.border{ border-color:rgb(176, 120, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 120, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 120, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 120, 102);  
box-shadow:4px 4px 4px 4px rgb(176, 120,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0192, 23.6224, 15.7059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 120, 102) }
```

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

```
.background{ background-color: rgb(176,  
120, 102) }
```

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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