

Converting Colors

XYZ(27.1692, 23.8912, 13.3056)

Have a look what the booklet for
XYZ(27.1692, 23.8912, 13.3056)
contains.

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Color

**XYZ(27.1292, 23.9124,
13.3109)**

Conversions

Conversions Part 1

Format	Color
Hex	B2795C
RGB	178, 121, 92
RGB Percent	70%, 47%, 36%
CMY	0.3020, 0.5255, 0.6392
CMYK	0.00, 0.32, 0.48, 0.30
HSL	20°, 36%, 53%
HSV	20°, 48%, 70%
XYZ	27.1292, 23.9124, 13.3109
YIQ	134.7370, 43.2810, 3.0650

Conversions

Conversions Part 2

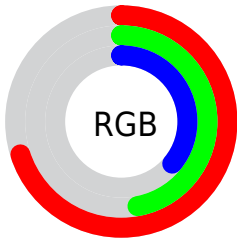
Format	Color
RYB	178, 136, 92
Decimal	11696476
CIELab	56.00, 18.86, 24.88
CIELCh	56, 31.219, 52.829
Yxy	23.9124, 0.4216, 0.3716
Android (android.graphics.Color)	4289886556 (0xFFB2795C)
YUV	134.7370, -21.0693, 37.9417
Hunter-Lab	48.9003, 13.4537, 18.0912

Details

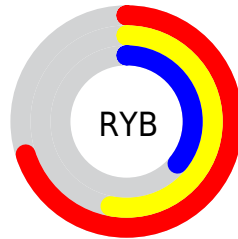
The XYZ color **27.1292, 23.9124, 13.3109** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23.1964, 26.9833, 46.1050**, and the grayscale version is **22.9965, 24.1941, 26.3474**.

A 20% lighter version of the original color is **54.6860, 50.0881, 32.7723**, and **10.9789, 9.0429, 3.7516** is the 20% darker color. If you saturate the color by 10%, you get **25.0937, 20.9438, 9.2341**, and if you desaturate by 10%, it is **29.5241, 27.3072, 18.4099**.

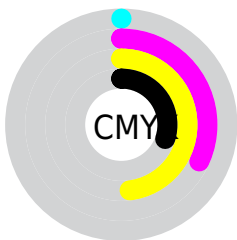
Distribution



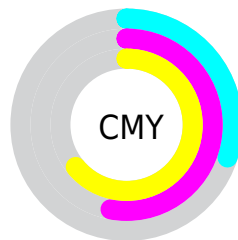
- Red (70%)
- Green (47%)
- Blue (36%)



- Red (70%)
- Yellow (53%)
- Blue (36%)



- Cyan (0%)
- Magenta (32%)
- Yellow (48%)
- Black (30%)





- Cyan (30%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1292, 23.9124, 13.3109 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 27.1292, 23.9124, 13.3109 by changing the saturation by 10% instead.


 27.1292, 23.9124,
13.3109


 27.1292, 23.9124,
13.3109


280.4383,
272.3773, 224.1780


 17.8074, 15.2687,
7.5097


 54.5095, 49.8872,
32.5605


 10.9106, 9.0081,
3.6996


 73.2988, 67.9871,
46.8461

 6.0736, 4.7465,
1.4621


 95.9745, 90.0077,
64.7969

 2.9310, 2.0993,
0.1894

 122.9021,
116.3336, 86.8315

 1.1174, 0.6642,
0.0000

154.4469,
147.3491, 113.3683

 0.0396, 0.0000,
0.0000

190.9743,

 0.0000, 0.0000,

183.4387, 144.8260

0.0000

232.8497,
224.9866, 181.6231

■ 27.1292, 23.9124,
13.3109

■ 27.1292, 23.9124,
13.3109

■ 25.0937, 20.9438,
9.2341

■ 29.5241, 27.3072,
18.4099

■ 23.3965, 18.3800,
6.1076

■ 32.2942, 31.1412,
24.5934

■ 22.0167, 16.2030,
3.8521

■ 35.4567, 35.4314,
31.9207

■ 20.9302, 14.3916,
2.3746

■ 39.0270, 40.1927,
40.4459

■ 20.1002, 12.9190,
1.5204

■ 43.0196, 45.4392,
50.2198

■ 19.9775, 12.7000,
1.3984

■ 47.4483, 51.1844,
61.2905

■ 52.3263, 57.4414,
73.7032

■ 57.6661, 64.2227,
87.5011

■ 63.4798, 71.5404,
102.7254

Harmonies

Analogous

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



29.6540, 23.9124, 19.1345



27.1292, 23.9124, 13.3109



23.5950, 23.9124, 11.0051

Triad

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



27.1292, 23.9124, 13.3109



16.5793, 23.9124, 23.6606



25.4944, 23.9124, 48.6623

Complementary

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



27.1292, 23.9124, 13.3109



23.1964, 26.9833, 46.1050

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.



21.8825, 23.9124, 50.7944



27.1292, 23.9124, 13.3109



16.9743, 23.9124, 34.4258

Square

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



27.1292, 23.9124, 13.3109



17.6889, 23.9124, 15.8800



18.8306, 23.9124, 45.0357



28.6434, 23.9124, 39.8000

Rectangle

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



27.1292, 23.9124, 13.3109



21.2388, 23.9124, 11.1959



18.8306, 23.9124, 45.0357



24.2853, 23.9124, 50.2705

Sweetspot

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



27.1298, 23.9136, 13.3114



66.8443, 67.6640, 63.9136



27.6388, 19.3000, 30.8421



14.5097, 14.5901, 13.4486



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.



27.1298, 23.9136, 13.3114



45.2745, 37.6364, 16.3006



33.5077, 36.6694, 15.4373



8.7228, 8.9581, 8.9219



14.3471, 9.1928, 1.0182



0.5067, 0.3998, 0.0505

Inverse Universe

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



23.1964, 26.9833, 46.1050



37.2497, 43.7919, 82.8706



17.6381, 15.8668, 44.2523



8.4964, 9.1391, 10.8225



10.4423, 11.6851, 31.8421



0.3798, 0.4702, 1.0190

Previews

White Background



This preview shows how the XYZ color 27.1292, 23.9124, 13.3109 looks on a white background.

Color Contrast Check

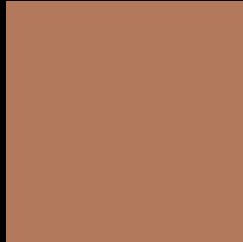
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1292, 23.9124, 13.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

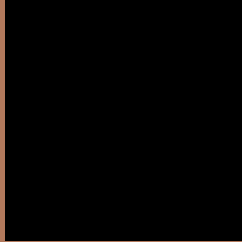
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1292, 23.9124, 13.3109

Background



This preview shows how black text looks on a background with the XYZ color 27.1292, 23.9124, 13.3109.



This preview shows how white text looks on a background with the XYZ color 27.1292, 23.9124,

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

27.1292, 23.9124, 13.3109

Protanopia

22.4068, 23.9518, 14.9975

Deuteranopia

24.3937, 24.0158, 13.0227



Tritanopia

29.1190, 24.0270, 22.5050

Trichromacy



Original Color

27.1292, 23.9124, 13.3109

Protanomaly

23.8662, 23.7131, 14.3855

Deuteranomaly

25.2855, 23.8925, 13.1766

Tritanomaly

28.2815, 23.8524, 18.7362

Monochromacy



Original Color

27.1292, 23.9124, 13.3109

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.0749, 23.8765, 20.7925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1292, 23.9124, 13.3109 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, 121, 92)` looks like.

```
.text, #text, p{  
    color:rgb(178, 121, 92)  
}
```

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, 121, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 121, 92) }
```

Border

The CSS property to change the border of an element to XYZ 27.1292, 23.9124, 13.3109 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, 121, 92) }
```


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

```
.border{ border-color:rgb(178, 121, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 121, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 121, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 121, 92);  
box-shadow:4px 4px 4px 4px rgb(178, 121,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1292, 23.9124, 13.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 121, 92) }
```

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

```
.background{ background-color: rgb(178,  
121, 92) }
```

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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