

Converting Colors

XYZ(27.0722, 23.2055, 20.1656)

Have a look what the booklet for
XYZ(27.0722, 23.2055, 20.1656)
contains.

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Color

**XYZ(26.9820, 23.1491,
20.1857)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7676
RGB	173, 118, 118
RGB Percent	68%, 46%, 46%
CMY	0.3216, 0.5372, 0.5373
CMYK	0.00, 0.32, 0.32, 0.32
HSL	0°, 25%, 57%
HSV	0°, 32%, 68%
XYZ	26.9820, 23.1491, 20.1857
YIQ	134.4450, 32.7800, 11.6600

Conversions

Conversions Part 2

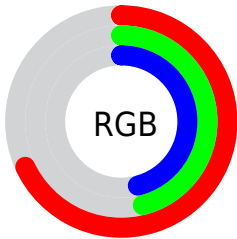
Format	Color
R _Y B	173, 118, 118
Decimal	11368054
CIE Lab	55.23, 21.60, 8.76
CIE LCh	55, 23.313, 22.077
Yxy	23.1491, 0.3837, 0.3292
Android (android.graphics.Color)	4289558134 (0xFFAD7676)
YUV	134.4450, -8.1074, 33.8127
Hunter-Lab	48.1135, 15.9039, 8.8047

Details

The XYZ color **26.9820, 23.1491, 20.1857** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.9571, 36.7545, 45.0506**, and the grayscale version is **22.8449, 24.0346, 26.1736**.

A 20% lighter version of the original color is **54.4517, 48.8511, 44.5895**, and **10.8414, 8.6204, 6.8868** is the 20% darker color. If you saturate the color by 10%, you get **24.1931, 19.0683, 14.6407**, and if you desaturate by 10%, it is **30.3343, 28.0547, 26.8493**.

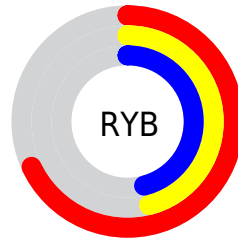
Distribution



Red (68%)

Green (46%)

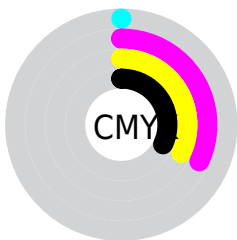
Blue (46%)



Red (68%)

Yellow (46%)

Blue (46%)

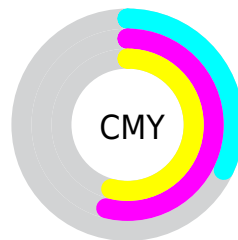


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (32%)



Cyan (32%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9820, 23.1491, 20.1857 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 26.9820, 23.1491, 20.1857 by changing the saturation by 10% instead.

■ 26.9820, 23.1491,
20.1857

■ 26.9820, 23.1491,
20.1857

279.7391,
268.4899, 265.5561

■ 17.6962, 14.7036,
12.3447

■ 54.2751, 48.6380,
44.5914

■ 10.8305, 8.6117,
6.8535

■ 73.0131, 66.4503,
61.9931

■ 6.0194, 4.4888,
3.2936

■ 95.6325, 88.1536,
83.4188

■ 2.8977, 1.9506,
1.2464

122.4988,
114.1324, 109.2870

■ 1.0999, 0.5785,
0.0173

153.9772,
144.7710, 140.0163

■ 0.0250, 0.0000,
0.0000

190.4332,

■ 0.0000, 0.0000,

180.4539, 176.0253

0.0000

232.2320,
221.5654, 217.7323

■ 26.9820, 23.1491,
20.1857

■ 26.9820, 23.1491,
20.1857

■ 24.1931, 19.0683,
14.6407

■ 30.3343, 28.0547,
26.8493

■ 21.9349, 15.7639,
10.1517

■ 34.2767, 33.8235,
34.6865

■ 20.1744, 13.1878,
6.6521

■ 38.8361, 40.4952,
43.7506

■ 18.8741, 11.2850,
4.0672

■ 44.0376, 48.1063,
54.0910

■ 17.9910, 9.9927,
2.3118

■ 49.9045, 56.6913,
65.7546

■ 17.4741, 9.2363,
1.2844

■ 56.4593, 66.2827,
78.7856

■ 17.2337, 8.8845,
0.8066

■ 63.7233, 76.9119,
93.2265

■ 71.0436, 87.6242,
107.7765

Harmonies

Analogous

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



27.3499, 23.1491, 27.2363



26.9820, 23.1491, 20.1857



25.2292, 23.1491, 15.4926

Triad

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



26.9820, 23.1491, 20.1857



18.2806, 23.1491, 17.3721



21.3188, 23.1491, 42.2648

Complementary

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



26.9820, 23.1491, 20.1857



29.9571, 36.7545, 45.0506

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.



19.0634, 23.1491, 38.3100



26.9820, 23.1491, 20.1857



17.4019, 23.1491, 23.2781

Square

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



26.9820, 23.1491, 20.1857



20.1718, 23.1491, 14.1057



17.6768, 23.1491, 30.9952



23.9408, 23.1491, 40.9857

Rectangle

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



26.9820, 23.1491, 20.1857



23.5814, 23.1491, 13.8654



17.6768, 23.1491, 30.9952



20.4958, 23.1491, 41.4799

Sweetspot

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



26.9826, 23.1502, 20.1862



62.6320, 62.3966, 64.5950



31.2549, 24.8585, 42.6860



13.3840, 13.2276, 13.5861



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.9826, 23.1502, 20.1862



44.7861, 36.2830, 29.1180



30.7057, 30.5964, 21.4272



8.0053, 8.0154, 8.3386



12.6608, 6.5270, 0.5925



0.3522, 0.1816, 0.0165

Inverse Universe

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



29.9571, 36.7545, 45.0506



50.9395, 64.4272, 80.5567



25.2162, 27.2729, 43.4703



8.2363, 9.0720, 10.2697



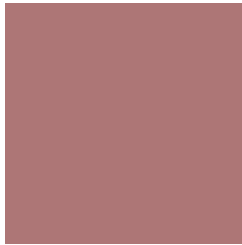
16.5181, 24.1700, 32.8392



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 26.9820, 23.1491, 20.1857 looks on a white background.

Color Contrast Check

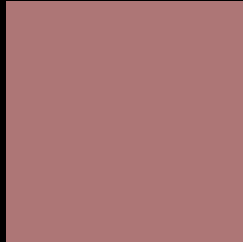
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9820, 23.1491, 20.1857 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 26.9820, 23.1491, 20.1857

Background



This preview shows how black text looks on a background with the XYZ color 26.9820, 23.1491, 20.1857.



This preview shows how white text looks on a background with the XYZ color 26.9820, 23.1491,

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

26.9820, 23.1491, 20.1857

Protanopia

22.2695, 23.3016, 22.7260

Deuteranopia

23.6341, 23.2786, 19.7706



Tritanopia

27.5827, 23.2276, 22.7683

Trichromacy



Original Color

26.9820, 23.1491, 20.1857

Protanomaly

23.6799, 23.0679, 21.6168

Deuteranomaly

24.7166, 23.0706, 19.9800

Tritanomaly

27.3920, 23.1513, 21.7638

Monochromacy



Original Color

26.9820, 23.1491, 20.1857

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.8282, 23.2928, 23.6621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9820, 23.1491, 20.1857 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(173, 118, 118)` looks like.

```
.text, #text, p{  
    color:rgb(173, 118, 118)  
}
```

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(173, 118, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 118, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.9820, 23.1491, 20.1857 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(173, 118, 118) }
```


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

```
.border{ border-color:rgb(173, 118, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 118, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 118, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 118, 118);  
box-shadow:4px 4px 4px 4px rgb(173, 118,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9820, 23.1491, 20.1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 118, 118) }
```

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

```
.background{ background-color: rgb(173,  
118, 118) }
```

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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