

Converting Colors

XYZ(30.5266, 25.7861, 23.8435)

Have a look what the booklet for
XYZ(30.5266, 25.7861, 23.8435)
contains.

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Color

**XYZ(30.5077, 25.7917,
23.7924)**

Conversions

Conversions Part 1

Format	Color
Hex	B77B80
RGB	183, 123, 128
RGB Percent	72%, 48%, 50%
CMY	0.2824, 0.5176, 0.4980
CMYK	0.00, 0.33, 0.30, 0.28
HSL	355°, 29%, 60%
HSV	355°, 33%, 72%
XYZ	30.5077, 25.7917, 23.7924
YIQ	141.5100, 34.1550, 14.2750

Conversions

Conversions Part 2

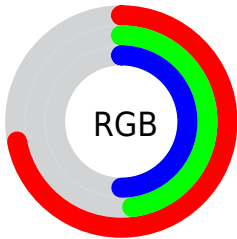
Format	Color
R_{YB}	183, 123, 128
Decimal	12024704
CIE Lab	57.84, 24.07, 6.84
CIE LCh	58, 25.026, 15.873
Yxy	25.7917, 0.3809, 0.3220
Android (android.graphics.Color)	4290214784 (0xFFB77B80)
YUV	141.5100, -6.6604, 36.3867
Hunter-Lab	50.7855, 18.3532, 7.7732

Details

The XYZ color **30.5077, 25.7917, 23.7924** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.1389, 41.2929, 48.3454**, and the grayscale version is **25.5344, 26.8641, 29.2550**.

A 20% lighter version of the original color is **59.8010, 52.9121, 50.7773**, and **12.6959, 9.9188, 8.6425** is the 20% darker color. If you saturate the color by 10%, you get **27.4317, 21.2631, 17.7622**, and if you desaturate by 10%, it is **34.1920, 31.2445, 30.9266**.

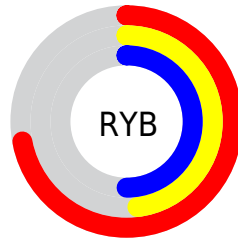
Distribution



Red (72%)

Green (48%)

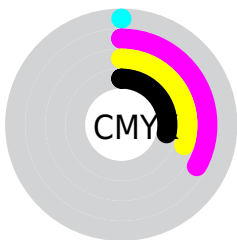
Blue (50%)



Red (72%)

Yellow (48%)

Blue (50%)

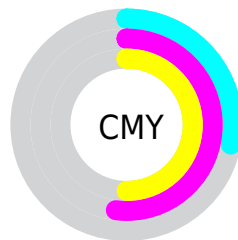


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (28%)



Cyan (28%)

Magenta (52%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5077, 25.7917, 23.7924 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 30.5077, 25.7917, 23.7924 by changing the saturation by 10% instead.

 30.5077, 25.7917,
23.7924


 30.5077, 25.7917,
23.7924


296.1314,
281.7580, 285.0219

 20.3742, 16.6679,
14.9689


 59.8453, 52.9387,
50.6308

 12.7772, 9.9980,
8.6512


 79.7801, 71.7307,
69.4828

 7.3513, 5.3976,
4.4207


 103.7128, 94.5142,
92.5147

 3.7310, 2.4824,
1.8589

132.0087,
121.6736, 120.1451

 1.5511, 0.8678,
0.4664

165.0332,
153.5933, 152.7924

 0.3602, 0.0000,
0.0000

203.1515,

 0.0000, 0.0000,

190.6576, 190.8753

0.0000

246.7291,
233.2511, 234.8123

■ 30.5077, 25.7917,
23.7924

■ 30.5077, 25.7917,
23.7924

■ 27.4317, 21.2631,
17.7622

■ 34.1920, 31.2445,
30.9266

■ 24.9293, 17.6039,
12.7795

■ 38.5128, 37.6649,
39.2147

■ 22.9654, 14.7596,
8.7848

■ 43.4990, 45.0978,
48.7050

■ 21.5003, 12.6677,
5.7122

■ 49.1769, 53.5845,
59.4431

■ 20.4887, 11.2566,
3.4876

■ 55.5718, 63.1639,
71.4718

■ 19.8769, 10.4412,
2.0256

■ 62.7073, 73.8727,
84.8320

■ 19.6165, 10.1025,
1.3770

■ 70.6062, 85.7463,
99.5629

■ 73.3385, 88.8073,
107.8839

Harmonies

Analogous

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



30.5605, 25.7917, 32.3220



30.5077, 25.7917, 23.7924



28.7649, 25.7917, 17.7937

Triad

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



30.5077, 25.7917, 23.7924



20.5933, 25.7917, 18.0582



23.1298, 25.7917, 47.3992

Complementary

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



30.5077, 25.7917, 23.7924



33.1389, 41.2929, 48.3454

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.



20.7044, 25.7917, 41.7265



30.5077, 25.7917, 23.7924



19.3232, 25.7917, 24.2315

Square

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



30.5077, 25.7917, 23.7924



22.9664, 25.7917, 14.9753



19.3621, 25.7917, 32.8602



26.1301, 25.7917, 47.2143

Rectangle

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



30.5077, 25.7917, 23.7924



26.9548, 25.7917, 15.5178



19.3621, 25.7917, 32.8602



22.2257, 25.7917, 46.0708

Sweetspot

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



30.5084, 25.7929, 23.7929



71.1975, 70.7654, 74.4730



33.9911, 27.0510, 48.2298



15.4606, 15.2356, 15.9438



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.5084, 25.7929, 23.7929



50.7462, 40.4568, 34.9964



33.6943, 32.6782, 23.2721



9.0342, 9.0240, 9.5273



13.6957, 7.0520, 1.0185



0.4931, 0.2527, 0.0899

Inverse Universe

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



30.5084, 25.7929, 23.7929



50.7462, 40.4568, 34.9964



28.9436, 32.0847, 49.4674



9.0342, 9.0240, 9.5273



13.6957, 7.0520, 1.0185



0.4931, 0.2527, 0.0899

Previews

White Background



This preview shows how the XYZ color 30.5077, 25.7917, 23.7924 looks on a white background.

Color Contrast Check

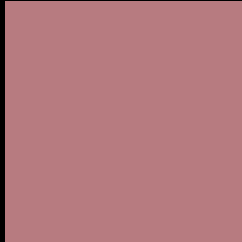
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5077, 25.7917, 23.7924 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 30.5077, 25.7917, 23.7924

Background



This preview shows how black text looks on a background with the XYZ color 30.5077, 25.7917, 23.7924.



This preview shows how white text looks on a background with the XYZ color 30.5077, 25.7917,

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

30.5077, 25.7917, 23.7924

Protanopia

24.9033, 26.0222, 27.3771

Deuteranopia

26.3915, 25.8257, 23.3325



Tritanopia

30.6528, 25.6523, 25.1656

Trichromacy



Original Color

30.5077, 25.7917, 23.7924

Protanomaly

26.5952, 25.6644, 26.1063

Deuteranomaly

27.7497, 25.7131, 23.5792

Tritanomaly

30.5847, 25.6250, 24.8069

Monochromacy



Original Color

30.5077, 25.7917, 23.7924

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.0840, 26.3022, 27.3163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5077, 25.7917, 23.7924 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(183, 123, 128)` looks like.

```
.text, #text, p{  
    color:rgb(183, 123, 128)  
}
```

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(183, 123, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 123, 128) }
```

Border

The CSS property to change the border of an element to XYZ 30.5077, 25.7917, 23.7924 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(183, 123, 128) }
```


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

```
.border{ border-color:rgb(183, 123, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 123, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 123, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 123, 128);  
box-shadow:4px 4px 4px 4px rgb(183, 123,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5077, 25.7917, 23.7924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 123, 128) }
```

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

```
.background{ background-color: rgb(183,  
123, 128) }
```

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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