

Converting Colors

XYZ(30.5028, 23.7073, 38.2561)

Have a look what the booklet for
XYZ(30.5028, 23.7073, 38.2561)
contains.

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Color

**XYZ(30.5105, 23.7207,
38.0924)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B071A4 |
| RGB | 176, 113, 164 |
| RGB Percent | 69%, 44%, 64% |
| CMY | 0.3098, 0.5568, 0.3569 |
| CMYK | 0.00, 0.36, 0.07, 0.31 |
| HSL | 311°, 29%, 57% |
| HSV | 311°, 36%, 69% |
| XYZ | 30.5105, 23.7207, 38.0924 |
| YIQ | 137.6510, 21.1770, 29.2170 |

Conversions

Conversions Part 2

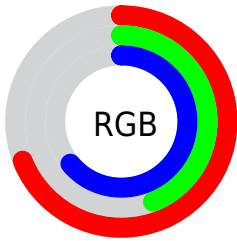
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 176, 113, 164 |
| Decimal | 11563428 |
| CIE Lab | 55.81, 32.84, -17.12 |
| CIE LCh | 56, 37.034, 332.466 |
| Yxy | 23.7207, 0.3305, 0.2569 |
| Android (android.graphics.Color) | 4289753508 (0xFFB071A4) |
| YUV | 137.6510, 12.9901, 33.6321 |
| Hunter-Lab | 48.7039, 26.5893, -12.2793 |

Details

The XYZ color **30.5105, 23.7207, 38.0924** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.0381, 36.0429, 24.9882**, and the grayscale version is **23.9718, 25.2202, 27.4648**.

A 20% lighter version of the original color is **60.0267, 49.7105, 73.4492**, and **12.7282, 8.8624, 16.3690** is the 20% darker color. If you saturate the color by 10%, you get **28.4355, 20.0484, 35.9267**, and if you desaturate by 10%, it is **32.9758, 28.1598, 40.4281**.

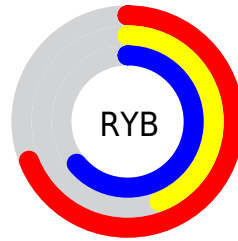
Distribution



Red (69%)

Green (44%)

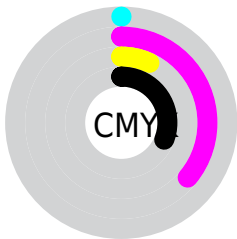
Blue (64%)



Red (69%)

Yellow (44%)

Blue (64%)

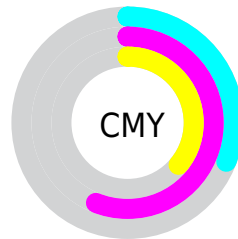


Cyan (0%)

Magenta (36%)

Yellow (7%)

Black (31%)



Cyan (31%)


Magenta (56%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5105, 23.7207, 38.0924 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 30.5105, 23.7207, 38.0924 by changing the saturation by 10% instead.

 30.5105, 23.7207,
38.0924


 30.5105, 23.7207,
38.0924


296.1441,
271.4054, 353.3262


 20.3764, 15.1266,
25.7520


 59.8497, 49.5740,
73.4547


 12.7788, 8.9083,
16.4141


 79.7855, 67.6020,
97.3138

 7.3523, 4.6814,
9.6601

 103.7192, 89.5434,
125.8494

 3.7317, 2.0616,
5.0716

 132.0162,
115.7826, 159.4803

 1.5515, 0.6429,
2.2298

165.0418,
146.7040, 198.6249

 0.3605, 0.0000,
0.6915

203.1614,

 0.0000, 0.0000,

182.6920, 243.7017

0.0000

246.7404,
224.1310, 295.1293

■ 30.5105, 23.7207,
38.0924

■ 30.5105, 23.7207,
38.0924

■ 28.4355, 20.0484,
35.9267

■ 32.9758, 28.1598,
40.4281

■ 26.7263, 17.0956,
33.9217

■ 35.8494, 33.4033,
42.9393

■ 25.3593, 14.8145,
32.0697

■ 39.1512, 39.4899,
45.6333

■ 24.3069, 13.1504,
30.3609

■ 42.8987, 46.4551,
48.5160

■ 23.5376, 12.0397,
28.7847

■ 47.1088, 54.3322,
51.5936

■ 23.0103, 11.4010,
27.3271

■ 51.7973, 63.1529,
54.8714

■ 22.8229, 11.1975,
26.7366

■ 56.9793, 72.9472,
58.3548

■ 62.6691, 83.7439,
62.0489

■ 63.4220, 84.6532,
64.1390

Harmonies

Analogous

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



27.1751, 23.7207, 50.7339



30.5105, 23.7207, 38.0924



31.6364, 23.7207, 24.8435

Triad

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



30.5105, 23.7207, 38.0924



22.1994, 23.7207, 8.9025



16.3838, 23.7207, 40.3742

Complementary

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



30.5105, 23.7207, 38.0924



26.0381, 36.0429, 24.9882

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.



15.3883, 23.7207, 26.8378



30.5105, 23.7207, 38.0924



18.4746, 23.7207, 10.7926

Square

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



30.5105, 23.7207, 38.0924



26.4978, 23.7207, 10.2448



16.1040, 23.7207, 16.5265



19.0077, 23.7207, 52.3139

Rectangle

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



30.5105, 23.7207, 38.0924



30.8821, 23.7207, 17.9447



16.1040, 23.7207, 16.5265



15.8635, 23.7207, 35.7357

Sweetspot

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



30.5112, 23.7218, 38.0929



67.6749, 65.4668, 80.0829



22.1346, 19.2723, 43.6282



14.4980, 13.8780, 17.2171



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.



30.5112, 23.7218, 38.0929



52.2848, 37.6115, 65.9358



28.0407, 22.7336, 25.0835



8.7792, 8.6184, 10.3359



16.7658, 8.2239, 19.7243



0.5454, 0.2659, 0.7148

Inverse Universe

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



30.5112, 23.7218, 38.0929



52.2848, 37.6115, 65.9358



28.3413, 36.9642, 37.1167



8.7792, 8.6184, 10.3359



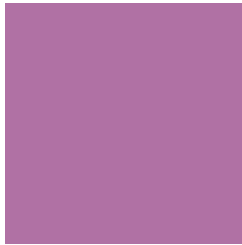
16.7658, 8.2239, 19.7243



0.5454, 0.2659, 0.7148

Previews

White Background



This preview shows how the XYZ color 30.5105, 23.7207, 38.0924 looks on a white background.

Color Contrast Check

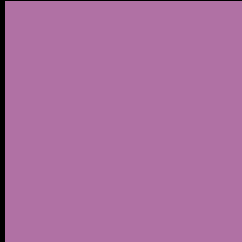
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5105, 23.7207, 38.0924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

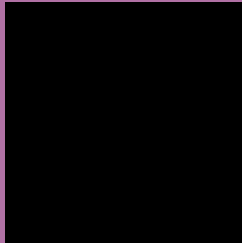
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5105, 23.7207, 38.0924

Background



This preview shows how black text looks on a background with the XYZ color 30.5105, 23.7207, 38.0924.



This preview shows how white text looks on a background with the XYZ color 30.5105, 23.7207,

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

30.5105, 23.7207, 38.0924

Protanopia

24.3132, 23.8545, 45.4424

Deuteranopia

24.3808, 23.8741, 37.0414



Tritanopia

27.6922, 23.7886, 23.9010

Trichromacy



Original Color

30.5105, 23.7207, 38.0924

Protanomaly

26.0318, 23.4351, 42.6866

Deuteranomaly

26.1237, 23.4135, 37.3248

Tritanomaly

28.4774, 23.5598, 28.6378

Monochromacy



Original Color

30.5105, 23.7207, 38.0924

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.0656, 24.4825, 30.9556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5105, 23.7207, 38.0924 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, 113, 164)` looks like.

```
.text, #text, p{  
    color:rgb(176, 113, 164)  
}
```

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, 113, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 113, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.5105, 23.7207, 38.0924 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, 113, 164) }
```


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

```
.border{ border-color:rgb(176, 113, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 113, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 113, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 113, 164);  
box-shadow:4px 4px 4px 4px rgb(176, 113,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5105, 23.7207, 38.0924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 113, 164) }
```

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

```
.background{ background-color: rgb(176,  
113, 164) }
```

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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