

Converting Colors

XYZ(30.8113, 23.3750, 23.9528)

Have a look what the booklet for
XYZ(30.8113, 23.3750, 23.9528)
contains.

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Color

**XYZ(30.8777, 23.4132,
24.0109)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BF6C82 |
| RGB | 191, 108, 130 |
| RGB Percent | 75%, 42%, 51% |
| CMY | 0.2510, 0.5764, 0.4902 |
| CMYK | 0.00, 0.43, 0.32, 0.25 |
| HSL | 344°, 39%, 59% |
| HSV | 344°, 43%, 75% |
| XYZ | 30.8777, 23.4132, 24.0109 |
| YIQ | 135.3250, 42.4060, 24.4380 |

Conversions

Conversions Part 2

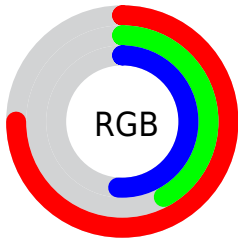
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 191, 108, 130 |
| Decimal | 12545154 |
| CIE _{Lab} | 55.50, 35.55, 2.44 |
| CIE _{LCh} | 55, 35.634, 3.921 |
| Yxy | 23.4132, 0.3943, 0.2990 |
| Android (android.graphics.Color) | 4290735234 (0xFFBF6C82) |
| YUV | 135.3250, -2.6252, 48.8270 |
| Hunter-Lab | 48.3872, 29.2300, 4.4499 |

Details

The XYZ color **30.8777, 23.4132, 24.0109** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **31.9777, 43.3149, 44.2136**, and the grayscale version is **23.1489, 24.3544, 26.5220**.

A 20% lighter version of the original color is **60.3590, 49.0484, 51.0858**, and **12.9899, 8.7711, 8.7929** is the 20% darker color. If you saturate the color by 10%, you get **28.2006, 19.4655, 18.7825**, and if you desaturate by 10%, it is **34.1259, 28.2971, 30.0644**.

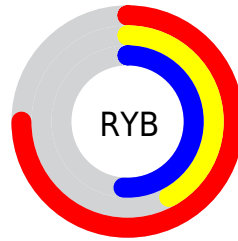
Distribution



Red (75%)

Green (42%)

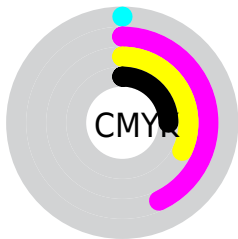
Blue (51%)



Red (75%)

Yellow (42%)

Blue (51%)

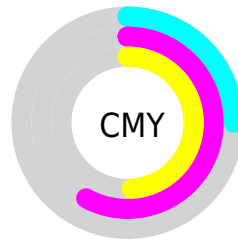


Cyan (0%)

Magenta (43%)

Yellow (32%)

Black (25%)



Cyan (25%)

Magenta (58%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8777, 23.4132, 24.0109 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 30.8777, 23.4132, 24.0109 by changing the saturation by 10% instead.


 30.8777, 23.4132,
24.0109

 30.8777, 23.4132,
24.0109


297.8114,
269.8402, 286.1639


 20.6571, 14.8989,
15.1294


 60.4246, 49.0709,
50.9920

 12.9846, 8.7485,
8.7626


 80.4817, 66.9831,
69.9288

 7.4949, 4.5775,
4.4920


 104.5482, 88.7968,
93.0544

 3.8225, 2.0016,
1.8989

 132.9897,
114.8962, 120.7874

 1.6022, 0.6084,
0.4921

166.1714,
145.6659, 153.5463

 0.3939, 0.0000,
0.0000

204.4587,

 0.0000, 0.0000,

181.4902, 191.7496

0.0000

248.2169,
222.7535, 235.8160

■ 30.8777, 23.4132,
24.0109

■ 30.8777, 23.4132,
24.0109

■ 28.2006, 19.4655,
18.7825

■ 34.1259, 28.2971,
30.0644

■ 26.0584, 16.3902,
14.3410

■ 37.9747, 34.1688,
36.9763

■ 24.4136, 14.1211,
10.6468


■ 42.4536, 41.0799,
44.7794


■ 23.2228, 12.5806,
7.6562


■ 47.5899, 49.0777,
53.5045


■ 22.4342, 11.6760,
5.3200


■ 53.4091, 58.2064,
63.1808

 22.0751, 11.3121,
4.1081

 59.9352, 68.5079,
73.8364

 67.1912, 80.0217,
85.4979

 73.3188, 89.0256,
97.5644

 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



29.9323, 23.4132, 36.4995



30.8777, 23.4132, 24.0109



29.2936, 23.4132, 15.0387

Triad

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



30.8777, 23.4132, 24.0109



18.2176, 23.4132, 11.1962



19.0295, 23.4132, 50.9527

Complementary

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



30.8777, 23.4132, 24.0109



31.9777, 43.3149, 44.2136

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.



16.4427, 23.4132, 39.9279



30.8777, 23.4132, 24.0109



16.0151, 23.4132, 16.9567

Square

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



30.8777, 23.4132, 24.0109



21.7298, 23.4132, 9.1860



15.4063, 23.4132, 27.0349



22.7856, 23.4132, 54.5223

Rectangle

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



30.8777, 23.4132, 24.0109



27.1162, 23.4132, 11.4744



15.4063, 23.4132, 27.0349



18.0100, 23.4132, 47.8608

Sweetspot

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



30.8783, 23.4144, 24.0114



76.2474, 73.9043, 80.5658



31.1010, 22.9083, 52.0729



16.3259, 15.5822, 16.9723



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



30.8783, 23.4144, 24.0114



50.7804, 35.2607, 34.1869



31.8303, 27.4339, 17.8065



9.6312, 9.5768, 10.4470



14.5364, 7.4457, 2.8521



0.5975, 0.3029, 0.2599

Inverse Universe

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



30.8783, 23.4144, 24.0114



50.7804, 35.2607, 34.1869



30.2721, 36.3163, 54.7046



9.6312, 9.5768, 10.4470



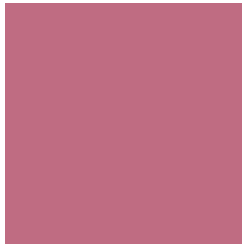
14.5364, 7.4457, 2.8521



0.5975, 0.3029, 0.2599

Previews

White Background



This preview shows how the XYZ color 30.8777, 23.4132, 24.0109 looks on a white background.

Color Contrast Check

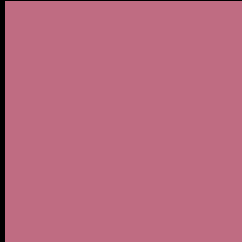
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8777, 23.4132, 24.0109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

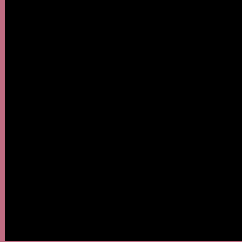
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8777, 23.4132, 24.0109

Background



This preview shows how black text looks on a background with the XYZ color 30.8777, 23.4132, 24.0109.



This preview shows how white text looks on a background with the XYZ color 30.8777, 23.4132,

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

30.8777, 23.4132, 24.0109

Protanopia

23.0944, 23.7752, 29.7574

Deuteranopia

24.0106, 23.5964, 23.0277



Tritanopia

30.0811, 23.4070, 20.0721

Trichromacy



Original Color

30.8777, 23.4132, 24.0109

Protanomaly

25.1943, 23.1494, 27.5665

Deuteranomaly

25.9780, 23.0996, 23.1681

Tritanomaly

30.2167, 23.2896, 21.3151

Monochromacy



Original Color

30.8777, 23.4132, 24.0109

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.0848, 23.3292, 25.3712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8777, 23.4132, 24.0109 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(191, 108, 130)` looks like.

```
.text, #text, p{  
    color:rgb(191, 108, 130)  
}
```

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(191, 108, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 108, 130) }
```

Border

The CSS property to change the border of an element to XYZ 30.8777, 23.4132, 24.0109 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(191, 108, 130) }
```


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

```
.border{ border-color:rgb(191, 108, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 108, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 108, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 108, 130);  
box-shadow:4px 4px 4px 4px rgb(191, 108,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8777, 23.4132, 24.0109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 108, 130) }
```

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

```
.background{ background-color: rgb(191,  
108, 130) }
```

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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