

Converting Colors

XYZ(30.7184, 21.1937, 38.3491)

Have a look what the booklet for
XYZ(30.7184, 21.1937, 38.3491)
contains.

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Color

**XYZ(30.8330, 21.3093,
38.5644)**

Conversions

Conversions Part 1

Format	Color
Hex	B860A6
RGB	184, 96, 166
RGB Percent	72%, 38%, 65%
CMY	0.2784, 0.6235, 0.3490
CMYK	0.00, 0.48, 0.10, 0.28
HSL	312°, 38%, 55%
HSV	312°, 48%, 72%
XYZ	30.8330, 21.3093, 38.5644
YIQ	130.2920, 29.9780, 40.4260

Conversions

Conversions Part 2

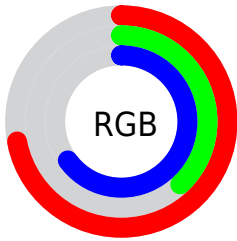
Format	Color
RYB	184, 96, 166
Decimal	12083366
CIELab	53.29, 44.91, -22.05
CIElCh	53, 50.026, 333.852
Yxy	21.3093, 0.3399, 0.2349
Android (android.graphics.Color)	4290273446 (0xFFB860A6)
YUV	130.2920, 17.6040, 47.1019
Hunter-Lab	46.1620, 38.4421, -17.2183

Details

The XYZ color **30.8330, 21.3093, 38.5644** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **25.0026, 37.9834, 21.9349**, and the grayscale version is **21.2543, 22.3612, 24.3514**.

A 20% lighter version of the original color is **60.4165, 45.5926, 74.0226**, and **12.9912, 7.6834, 16.7179** is the 20% darker color. If you saturate the color by 10%, you get **29.0064, 18.2003, 36.2770**, and if you desaturate by 10%, it is **33.0639, 25.2100, 41.0368**.

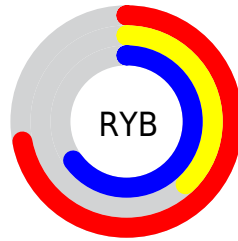
Distribution



Red (72%)

Green (38%)

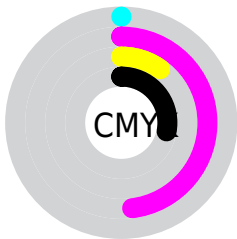
Blue (65%)



Red (72%)

Yellow (38%)

Blue (65%)

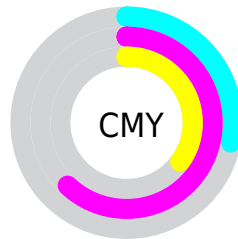


Cyan (0%)

Magenta (48%)

Yellow (10%)

Black (28%)



Cyan (28%)


Magenta (62%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8330, 21.3093, 38.5644 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 30.8330, 21.3093, 38.5644 by changing the saturation by 10% instead.

 30.8330, 21.3093,
38.5644


 30.8330, 21.3093,
38.5644

297.6089,
258.9177, 355.4055


 20.6229, 13.3503,
26.1158


 60.3547, 45.6017,
74.1854


 12.9595, 7.6702,
16.6838


 80.3970, 62.7039,
98.1949

 7.4775, 3.8846,
9.8497


 104.4474, 83.6226,
126.8950

 3.8114, 1.6092,
5.1951

 132.8713,
108.7423, 160.7045

 1.5960, 0.3638,
2.3015

166.0341,
138.4472, 200.0417

 0.3898, 0.0000,
0.7320

204.3010,

 0.0000, 0.0000,

173.1218, 245.3252

0.0000

248.0375,
213.1505, 296.9736

■ 30.8330, 21.3093,
38.5644

■ 30.8330, 21.3093,
38.5644

■ 29.0064, 18.2003,
36.2770

■ 33.0639, 25.2100,
41.0368

■ 27.5542, 15.8244,
34.1636

■ 35.7223, 29.9498,
43.7019

■ 26.4455, 14.1196,
32.2138

■ 38.8320, 35.5758,
46.5680

■ 25.6435, 13.0124,
30.4148

■ 42.4145, 42.1306,
49.6428

■ 25.0915, 12.3897,
28.7473

■ 46.4897, 49.6544,
52.9334

■ 24.9839, 12.2771,
28.3949

■ 51.0766, 58.1846,
56.4464

■ 56.1931, 67.7570,
60.1882

■ 61.8561, 78.4054,
64.1649

■ 65.9382, 85.8748,
67.6676

Harmonies

Analogous

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



26.4691, 21.3093, 56.8050



30.8330, 21.3093, 38.5644



32.2007, 21.3093, 21.2984

Triad

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



30.8330, 21.3093, 38.5644



19.5777, 21.3093, 4.5781



12.9225, 21.3093, 43.5224

Complementary

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



30.8330, 21.3093, 38.5644



25.0026, 37.9834, 21.9349

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.



11.7014, 21.3093, 25.2162



30.8330, 21.3093, 38.5644



15.0967, 21.3093, 6.4374

Square

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



30.8330, 21.3093, 38.5644



25.0785, 21.3093, 5.6398



12.4223, 21.3093, 12.5813



16.0915, 21.3093, 60.4372

Rectangle

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



30.8330, 21.3093, 38.5644



31.0616, 21.3093, 13.2983



12.4223, 21.3093, 12.5813



12.2984, 21.3093, 37.0984

Sweetspot

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



30.8337, 21.3103, 38.5648



72.6234, 68.5576, 86.3728



19.7232, 15.3783, 47.2767



15.3659, 14.2500, 18.3669



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.



30.8337, 21.3103, 38.5648



52.5430, 32.9284, 65.7095



27.4886, 19.9723, 20.9500



9.3001, 9.1304, 10.9277



17.2445, 8.4715, 19.7059



0.6281, 0.3067, 0.8010

Inverse Universe

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



30.8337, 21.3103, 38.5648



52.5430, 32.9284, 65.7095



28.1024, 39.2234, 38.2582



9.3001, 9.1304, 10.9277



17.2445, 8.4715, 19.7059



0.6281, 0.3067, 0.8010

Previews

White Background



This preview shows how the XYZ color 30.8330, 21.3093, 38.5644 looks on a white background.

Color Contrast Check

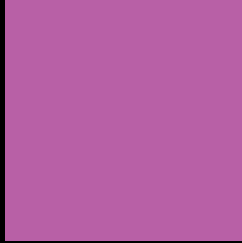
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8330, 21.3093, 38.5644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

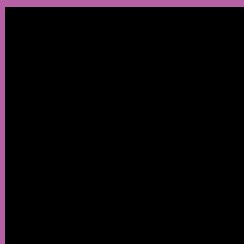
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8330, 21.3093, 38.5644

Background



This preview shows how black text looks on a background with the XYZ color 30.8330, 21.3093, 38.5644.



This preview shows how white text looks on a background with the XYZ color 30.8330, 21.3093,

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

30.8330, 21.3093, 38.5644

Protanopia

22.7096, 21.7216, 51.1399

Deuteranopia

21.9350, 21.4514, 36.7026



Tritanopia

26.7123, 21.2182, 18.9073

Trichromacy



Original Color

30.8330, 21.3093, 38.5644

Protanomaly

24.4629, 20.7486, 46.4316

Deuteranomaly

24.3052, 20.6987, 37.3646

Tritanomaly

27.9757, 21.1250, 25.1573

Monochromacy



Original Color

30.8330, 21.3093, 38.5644

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.0140, 21.4241, 28.8562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8330, 21.3093, 38.5644 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(184, 96, 166)` looks like.

```
.text, #text, p{  
    color:rgb(184, 96, 166)  
}
```

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(184, 96, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 96, 166) }
```

Border

The CSS property to change the border of an element to XYZ 30.8330, 21.3093, 38.5644 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(184, 96, 166) }
```


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

```
.border{ border-color:rgb(184, 96, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 96, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 96, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 96, 166);  
box-shadow:4px 4px 4px 4px rgb(184, 96,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8330, 21.3093, 38.5644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 96, 166) }
```

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

```
.background{ background-color: rgb(184, 96,  
166) }
```

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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