

Converting Colors

XYZ(30.5496, 22.1957, 30.8463)

Have a look what the booklet for
XYZ(30.5496, 22.1957, 30.8463)
contains.

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Color

**XYZ(30.5902, 22.2057,
30.6908)**

Conversions

Conversions Part 1

Format	Color
Hex	BB6694
RGB	187, 102, 148
RGB Percent	73%, 40%, 58%
CMY	0.2667, 0.6000, 0.4196
CMYK	0.00, 0.45, 0.21, 0.27
HSL	328°, 38%, 57%
HSV	328°, 45%, 73%
XYZ	30.5902, 22.2057, 30.6908
YIQ	132.6590, 35.8940, 32.3260

Conversions

Conversions Part 2

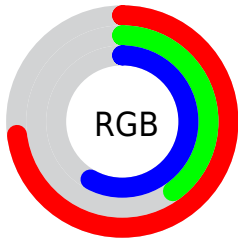
Format	Color
R _Y B	187, 102, 148
Decimal	12281492
CIE Lab	54.24, 39.87, -10.02
CIE LCh	54, 41.112, 345.891
Yxy	22.2057, 0.3664, 0.2660
Android (android.graphics.Color)	4290471572 (0xFFBB6694)
YUV	132.6590, 7.5631, 47.6571
Hunter-Lab	47.1229, 33.4095, -5.6291

Details

The XYZ color **30.5902, 22.2057, 30.6908** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **28.0586, 40.2892, 31.4990**, and the grayscale version is **22.1354, 23.2882, 25.3609**.

A 20% lighter version of the original color is **60.0382, 47.1194, 61.8077**, and **12.8572, 8.1363, 12.2021** is the 20% darker color. If you saturate the color by 10%, you get **28.3013, 18.6746, 26.7003**, and if you desaturate by 10%, it is **33.3453, 26.5881, 35.0856**.

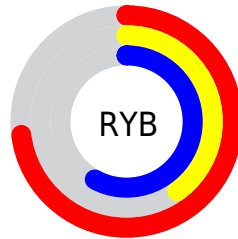
Distribution



Red (73%)

Green (40%)

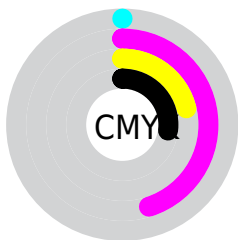
Blue (58%)



Red (73%)

Yellow (40%)

Blue (58%)

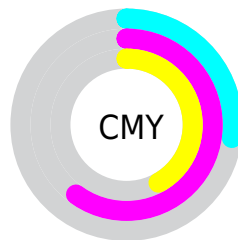


Cyan (0%)

Magenta (45%)

Yellow (21%)

Black (27%)



Cyan (27%)


Magenta (60%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5902, 22.2057, 30.6908 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 30.5902, 22.2057, 30.6908 by changing the saturation by 10% instead.

 30.5902, 22.2057,
30.6908


 30.5902, 22.2057,
30.6908


296.5066,
263.6186, 319.4183


 20.4373, 14.0081,
20.1070


 59.9745, 47.0857,
61.8268


 12.8234, 8.1263,
12.2880


 79.9367, 64.5370,
83.2161

 7.3832, 4.1759,
6.8152

 103.8993, 85.8416,
109.0443

 3.7514, 1.7724,
3.2701

 132.2277,
111.3839, 139.7300

 1.5624, 0.4699,
1.2342

165.2873,
141.5484, 175.6917

 0.3677, 0.0000,
0.0069

203.4434,

 0.0000, 0.0000,

176.7194, 217.3480

0.0000

247.0614,
217.2814, 265.1173

■ 30.5902, 22.2057,
30.6908

■ 30.5902, 22.2057,
30.6908

■ 28.3013, 18.6746,
26.7003

■ 33.3453, 26.5881,
35.0856

■ 26.4472, 15.9346,
23.0976

■ 36.5913, 31.8702,
39.8974

■ 24.9959, 13.9230,
19.8666

■ 40.3533, 38.1005,
45.1399

■ 23.9093, 12.5658,
16.9891

■ 44.6542, 45.3231,
50.8256

■ 23.1408, 11.7714,
14.4435

■ 49.5155, 53.5793,
56.9663

■ 22.8522, 11.5083,
13.3791

■ 54.9573, 62.9081,
63.5735

■ 60.9988, 73.3464,
70.6580

■ 67.6585, 84.9295,
78.2304

■ 69.8749, 87.5334,
84.6079

Harmonies

Analogous

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



27.9004, 22.2057, 45.6843



30.5902, 22.2057, 30.6908



30.5017, 22.2057, 18.0436

Triad

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



30.5902, 22.2057, 30.6908



18.8382, 22.2057, 7.3869



15.6695, 22.2057, 46.5168

Complementary

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



30.5902, 22.2057, 30.6908



28.0586, 40.2892, 31.4990

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.



13.8698, 22.2057, 31.5661



30.5902, 22.2057, 30.6908



15.5150, 22.2057, 10.7706

Square

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



30.5902, 22.2057, 30.6908



23.2718, 22.2057, 7.2974



13.8176, 22.2057, 18.6590



19.0787, 22.2057, 56.7824

Rectangle

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



30.5902, 22.2057, 30.6908



28.8652, 22.2057, 12.4255



13.8176, 22.2057, 18.6590



14.8788, 22.2057, 41.6762

Sweetspot

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



30.5909, 22.2068, 30.6912



73.1636, 69.7256, 82.0499



24.5795, 18.6891, 49.3258



15.7665, 14.7785, 17.6008



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.5909, 22.2068, 30.6912



50.5260, 33.2023, 47.5232



27.8603, 21.1145, 16.3124



9.7402, 9.6204, 11.0211



15.7821, 7.9440, 9.4122



0.6509, 0.3242, 0.5407

Inverse Universe

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



30.5909, 22.2068, 30.6912



50.5260, 33.2023, 47.5232



31.7718, 41.7745, 51.0525



9.7402, 9.6204, 11.0211



15.7821, 7.9440, 9.4122



0.6509, 0.3242, 0.5407

Previews

White Background



This preview shows how the XYZ color 30.5902, 22.2057, 30.6908 looks on a white background.

Color Contrast Check

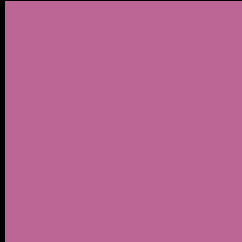
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5902, 22.2057, 30.6908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

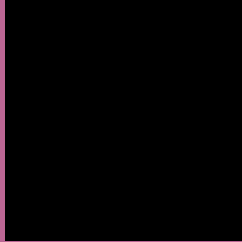
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5902, 22.2057, 30.6908

Background



This preview shows how black text looks on a background with the XYZ color 30.5902, 22.2057, 30.6908.



This preview shows how white text looks on a background with the XYZ color 30.5902, 22.2057,

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

30.5902, 22.2057, 30.6908

Protanopia

22.6183, 22.5186, 39.2308

Deuteranopia

22.9399, 22.5107, 29.5215



Tritanopia

28.2821, 22.1764, 19.3128

Trichromacy



Original Color

30.5902, 22.2057, 30.6908

Protanomaly

24.5319, 21.7166, 35.6996

Deuteranomaly

25.1068, 21.9698, 29.7054

Tritanomaly

29.0579, 22.1809, 23.1719

Monochromacy



Original Color

30.5902, 22.2057, 30.6908

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.6838, 22.5263, 27.0918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5902, 22.2057, 30.6908 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(187, 102, 148)` looks like.

```
.text, #text, p{  
    color:rgb(187, 102, 148)  
}
```

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(187, 102, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 102, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.5902, 22.2057, 30.6908 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(187, 102, 148) }
```


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

```
.border{ border-color:rgb(187, 102, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 102, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 102, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 102, 148);  
box-shadow:4px 4px 4px 4px rgb(187, 102,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5902, 22.2057, 30.6908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 102, 148) }
```

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

```
.background{ background-color: rgb(187,  
102, 148) }
```

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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