

Converting Colors

XYZ(30.2192, 22.2868, 33.9126)

Have a look what the booklet for
XYZ(30.2192, 22.2868, 33.9126)
contains.

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Color

**XYZ(30.1581, 22.2123,
33.7082)**

Conversions

Conversions Part 1

Format	Color
Hex	B6689B
RGB	182, 104, 155
RGB Percent	71%, 41%, 61%
CMY	0.2863, 0.5921, 0.3922
CMYK	0.00, 0.43, 0.15, 0.29
HSL	321°, 35%, 56%
HSV	321°, 43%, 71%
XYZ	30.1581, 22.2123, 33.7082
YIQ	133.1360, 30.1170, 32.3970

Conversions

Conversions Part 2

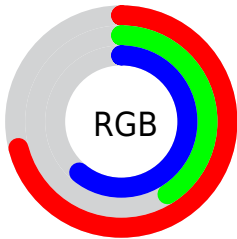
Format	Color
R_{YB}	182, 104, 155
Decimal	11954331
CIE _{Lab}	54.25, 38.22, -14.17
CIE _{LCh}	54, 40.765, 339.653
Yxy	22.2123, 0.3504, 0.2580
Android (android.graphics.Color)	4290144411 (0xFFB6689B)
YUV	133.1360, 10.7790, 42.8537
Hunter-Lab	47.1299, 31.7435, -9.4144

Details

The XYZ color **30.1581, 22.2123, 33.7082** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **26.5346, 38.0383, 27.4181**, and the grayscale version is **22.2988, 23.4601, 25.5480**.

A 20% lighter version of the original color is **59.1622, 47.0681, 66.2885**, and **12.5703, 8.1498, 14.0073** is the 20% darker color. If you saturate the color by 10%, you get **28.0047, 18.7300, 30.4477**, and if you desaturate by 10%, it is **32.7359, 26.4984, 37.2469**.

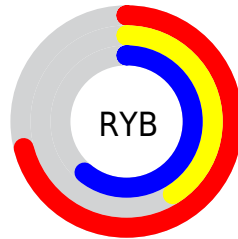
Distribution



Red (71%)

Green (41%)

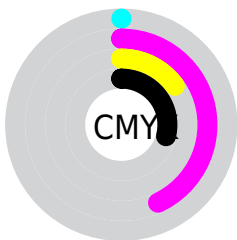
Blue (61%)



Red (71%)

Yellow (41%)

Blue (61%)

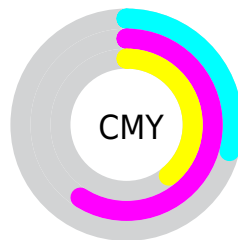


Cyan (0%)

Magenta (43%)

Yellow (15%)

Black (29%)



Cyan (29%)


Magenta (59%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1581, 22.2123, 33.7082 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 30.1581, 22.2123, 33.7082 by changing the saturation by 10% instead.

 30.1581, 22.2123,
33.7082


 30.1581, 22.2123,
33.7082


294.5373,
263.6530, 333.5583


 20.1073, 14.0130,
22.3940


 59.2970, 47.0966,
66.6083


 12.5818, 8.1297,
13.9456


 79.1159, 64.5504,
89.0313

 7.2162, 4.1780,
7.9445


 102.9214, 85.8578,
115.9943

 3.6452, 1.7737,
3.9722

 131.0790,
111.4033, 147.9159

 1.5034, 0.4707,
1.6101

163.9541,
141.5711, 185.2145

 0.3282, 0.0000,
0.2980

201.9119,

 0.0000, 0.0000,

176.7457, 228.3088

0.0000

245.3179,
217.3115, 277.6172

■ 30.1581, 22.2123,
33.7082

■ 30.1581, 22.2123,
33.7082

■ 28.0047, 18.7300,
30.4477

■ 32.7359, 26.4984,
37.2469

■ 26.2474, 15.9968,
27.4531

■ 35.7597, 31.6322,
41.0722

■ 24.8579, 13.9562,
24.7133

■ 39.2522, 37.6580,
45.1940

■ 23.8027, 12.5422,
22.2148

■ 43.2340, 44.6160,
49.6211

■ 23.0420, 11.6757,
19.9422

■ 47.7242, 52.5443,
54.3616

■ 22.6211, 11.2770,
18.4362

■ 52.7411, 61.4784,
59.4236

■ 58.3018, 71.4524,
64.8145

■ 64.4228, 82.4986,
70.5417

■ 66.8979, 86.2037,
75.2047

Harmonies

Analogous

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



27.0340, 22.2123, 48.2785



30.1581, 22.2123, 33.7082



30.6827, 22.2123, 20.3174

Triad

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



30.1581, 22.2123, 33.7082



19.7144, 22.2123, 7.2160



15.2044, 22.2123, 43.3546

Complementary

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



30.1581, 22.2123, 33.7082



26.5346, 38.0383, 27.4181

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.



13.7726, 22.2123, 28.5156



30.1581, 22.2123, 33.7082



16.1251, 22.2123, 9.8356

Square

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



30.1581, 22.2123, 33.7082



24.2177, 22.2123, 7.7548



14.0843, 22.2123, 16.6497



18.2841, 22.2123, 55.0656

Rectangle

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



30.1581, 22.2123, 33.7082



29.4226, 22.2123, 14.0041



14.0843, 22.2123, 16.6497



14.5354, 22.2123, 38.3901

Sweetspot

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



30.1588, 22.2133, 33.7086



70.9168, 67.8447, 81.6532



22.6008, 18.0251, 46.5443



15.3396, 14.4236, 17.6609



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.



30.1588, 22.2133, 33.7086



51.1262, 34.5210, 55.7654



27.4535, 21.1312, 19.4627



9.2453, 9.1085, 10.6390



16.0069, 7.9765, 13.1892



0.5922, 0.2924, 0.6122

Inverse Universe

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



30.1588, 22.2133, 33.7086



51.1262, 34.5210, 55.7654



29.5991, 39.2641, 43.5554



9.2453, 9.1085, 10.6390



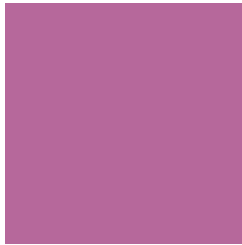
16.0069, 7.9765, 13.1892



0.5922, 0.2924, 0.6122

Previews

White Background



This preview shows how the XYZ color 30.1581, 22.2123, 33.7082 looks on a white background.

Color Contrast Check

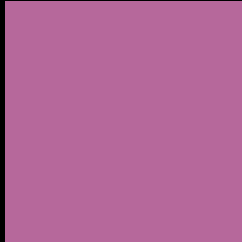
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1581, 22.2123, 33.7082 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 30.1581, 22.2123, 33.7082

Background



This preview shows how black text looks on a background with the XYZ color 30.1581, 22.2123, 33.7082.



This preview shows how white text looks on a background with the XYZ color 30.1581, 22.2123,

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

30.1581, 22.2123, 33.7082

Protanopia

22.7679, 22.5306, 42.1786

Deuteranopia

22.8482, 22.3997, 32.3975



Tritanopia

27.3743, 22.1658, 20.2884

Trichromacy



Original Color

30.1581, 22.2123, 33.7082

Protanomaly

24.5839, 21.8488, 38.9979

Deuteranomaly

25.0268, 22.0400, 32.6408

Tritanomaly

28.1178, 21.9748, 24.5894

Monochromacy



Original Color

30.1581, 22.2123, 33.7082

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.5298, 22.4215, 28.2342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1581, 22.2123, 33.7082 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(182, 104, 155)` looks like.

```
.text, #text, p{  
    color:rgb(182, 104, 155)  
}
```

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(182, 104, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 104, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.1581, 22.2123, 33.7082 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(182, 104, 155) }
```


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

```
.border{ border-color:rgb(182, 104, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 104, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 104, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 104, 155);  
box-shadow:4px 4px 4px 4px rgb(182, 104,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1581, 22.2123, 33.7082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 104, 155) }
```

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

```
.background{ background-color: rgb(182,  
104, 155) }
```

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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