

Converting Colors

XYZ(30.4101, 22.2411, 24.9025)

Have a look what the booklet for
XYZ(30.4101, 22.2411, 24.9025)
contains.

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Color

**XYZ(30.4709, 22.2726,
24.8833)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6685
RGB	191, 102, 133
RGB Percent	75%, 40%, 52%
CMY	0.2510, 0.6000, 0.4784
CMYK	0.00, 0.47, 0.30, 0.25
HSL	339°, 41%, 57%
HSV	339°, 47%, 75%
XYZ	30.4709, 22.2726, 24.8833
YIQ	132.1450, 43.0930, 28.5090

Conversions

Conversions Part 2

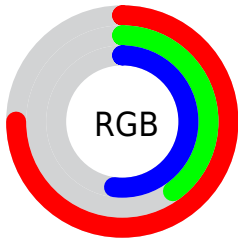
Format	Color
R_{YB}	191, 102, 133
Decimal	12543621
CIE _{Lab}	54.32, 39.12, -1.04
CIE _{LCh}	54, 39.136, 358.471
Yxy	22.2726, 0.3925, 0.2869
Android (android.graphics.Color)	4290733701 (0xFFBF6685)
YUV	132.1450, 0.4215, 51.6158
Hunter-Lab	47.1939, 32.6600, 1.7746

Details

The XYZ color **30.4709, 22.2726, 24.8833** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **30.4566, 42.6251, 39.8824**, and the grayscale version is **21.9727, 23.1170, 25.1744**.

A 20% lighter version of the original color is **59.6512, 47.1276, 52.4069**, and **12.7757, 8.1586, 9.2889** is the 20% darker color. If you saturate the color by 10%, you get **27.9958, 18.6180, 20.0638**, and if you desaturate by 10%, it is **33.4816, 26.8350, 30.3847**.

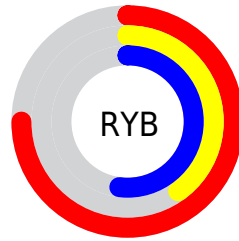
Distribution



Red (75%)

Green (40%)

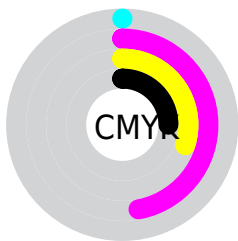
Blue (52%)



Red (75%)

Yellow (40%)

Blue (52%)

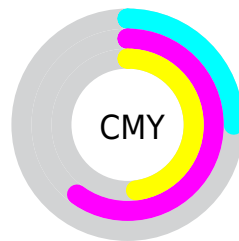


Cyan (0%)

Magenta (47%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (60%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4709, 22.2726, 24.8833 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 30.4709, 22.2726, 24.8833 by changing the saturation by 10% instead.

 30.4709, 22.2726,
24.8833


 30.4709, 22.2726,
24.8833


295.9639,
263.9666, 290.6853


 20.3461, 14.0573,
15.7719


 59.7876, 47.1961,
52.4296


 12.7566, 8.1606,
9.2103


 79.7103, 64.6732,
71.7016

 7.3370, 4.1979,
4.7799


 103.6296, 86.0063,
95.1975

 3.7219, 1.7848,
2.0622

 131.9110,
111.5799, 123.3360

 1.5461, 0.4777,
0.5932

164.9197,
141.7783, 156.5354

 0.3569, 0.0000,
0.0000

203.0212,

 0.0000, 0.0000,

176.9860, 195.2144

0.0000

246.5808,
217.5872, 239.7915

■ 30.4709, 22.2726,
24.8833

■ 30.4709, 22.2726,
24.8833

■ 27.9958, 18.6180,
20.0638

■ 33.4816, 26.8350,
30.3847

■ 26.0207, 15.8062,
15.8961

■ 37.0567, 32.3578,
36.5936

■ 24.5087, 13.7690,
12.3496


■ 41.2250, 38.8932,
43.5355


■ 23.4161, 12.4256,
9.3902


■ 46.0128, 46.4891,
51.2345


■ 22.6862, 11.6695,
6.9779

■ 51.4447, 55.1899,
59.7134

 22.4848, 11.4759,
6.2652

 57.5441, 65.0378,
68.9940

 64.3330, 76.0725,
79.0972

 71.8326, 88.3320,
90.0431

 73.7322, 89.1909,
99.7409

Harmonies

Analogous

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



28.9571, 22.2726, 38.7228



30.4709, 22.2726, 24.8833



29.2276, 22.2726, 14.6896

Triad

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



30.4709, 22.2726, 24.8833



17.4958, 22.2726, 8.9099



17.1641, 22.2726, 50.2837

Complementary

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



30.4709, 22.2726, 24.8833



30.4566, 42.6251, 39.8824

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.



14.7479, 22.2726, 37.2585



30.4709, 22.2726, 24.8833



14.9205, 22.2726, 13.9260

Square

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



30.4709, 22.2726, 24.8833



21.3891, 22.2726, 7.5347



13.9843, 22.2726, 23.6297



20.9513, 22.2726, 56.1202

Rectangle

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



30.4709, 22.2726, 24.8833



27.0853, 22.2726, 10.5757



13.9843, 22.2726, 23.6297



16.1846, 22.2726, 46.4245

Sweetspot

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



30.4715, 22.2737, 24.8837



75.7663, 72.7104, 81.1192



28.6236, 20.7238, 51.7819



16.2463, 15.3483, 17.1759



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.



30.4715, 22.2737, 24.8837



50.0246, 33.1767, 35.6996



30.0557, 24.3784, 15.6932



9.6637, 9.5898, 10.6179



14.8113, 7.5557, 4.3001



0.6115, 0.3085, 0.3336

Inverse Universe

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



30.4715, 22.2737, 24.8837



50.0246, 33.1767, 35.6996



30.7352, 38.2888, 55.0610



9.6637, 9.5898, 10.6179



14.8113, 7.5557, 4.3001



0.6115, 0.3085, 0.3336

Previews

White Background



This preview shows how the XYZ color 30.4709, 22.2726, 24.8833 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 30.4709, 22.2726, 24.8833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

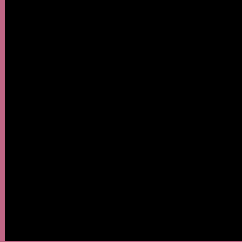
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4709, 22.2726, 24.8833

Background



This preview shows how black text looks on a background with the XYZ color 30.4709, 22.2726, 24.8833.



This preview shows how white text looks on a background with the XYZ color 30.4709, 22.2726,

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

30.4709, 22.2726, 24.8833

Protanopia

22.1077, 22.4145, 32.0154

Deuteranopia

22.7510, 22.3463, 23.8830



Tritanopia

29.1209, 22.3191, 18.3960

Trichromacy



Original Color

30.4709, 22.2726, 24.8833

Protanomaly

24.2085, 21.6913, 29.2965

Deuteranomaly

24.8878, 21.8079, 24.0167

Tritanomaly

29.6769, 22.4064, 20.5300

Monochromacy



Original Color

30.4709, 22.2726, 24.8833

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.1391, 22.1130, 24.8258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4709, 22.2726, 24.8833 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, 102, 133)` looks like.

```
.text, #text, p{  
    color:rgb(191, 102, 133)  
}
```

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, 102, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 102, 133) }
```

Border

The CSS property to change the border of an element to XYZ 30.4709, 22.2726, 24.8833 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, 102, 133) }
```


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

```
.border{ border-color:rgb(191, 102, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 102, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 102, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 102, 133);  
box-shadow:4px 4px 4px 4px rgb(191, 102,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4709, 22.2726, 24.8833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 102, 133) }
```

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

```
.background{ background-color: rgb(191,  
102, 133) }
```

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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