

Converting Colors

XYZ(30.3660, 22.7064, 30.9343)

Have a look what the booklet for
XYZ(30.3660, 22.7064, 30.9343)
contains.

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Color

**XYZ(30.2665, 22.6365,
30.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	B86A94
RGB	184, 106, 148
RGB Percent	72%, 42%, 58%
CMY	0.2784, 0.5843, 0.4196
CMYK	0.00, 0.42, 0.20, 0.28
HSL	328°, 35%, 57%
HSV	328°, 42%, 72%
XYZ	30.2665, 22.6365, 30.7910
YIQ	134.1100, 33.0060, 29.5980

Conversions

Conversions Part 2

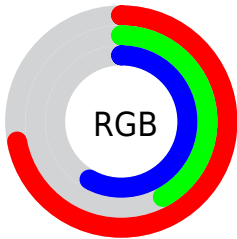
Format	Color
R_{YB}	184, 106, 148
Decimal	12085908
CIE _{Lab}	54.70, 36.71, -9.39
CIE _{LCh}	55, 37.895, 345.659
Yxy	22.6365, 0.3616, 0.2705
Android (android.graphics.Color)	4290275988 (0xFFB86A94)
YUV	134.1100, 6.8478, 43.7535
Hunter-Lab	47.5778, 30.2911, -5.0663

Details

The XYZ color **30.2665, 22.6365, 30.7910** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.9679, 39.2988, 31.7044**, and the grayscale version is **22.6681, 23.8486, 25.9712**.

A 20% lighter version of the original color is **59.3344, 47.7613, 61.9687**, and **12.6251, 8.3585, 12.2572** is the 20% darker color. If you saturate the color by 10%, you get **27.9221, 18.9841, 26.8137**, and if you desaturate by 10%, it is **33.0684, 27.1244, 35.1646**.

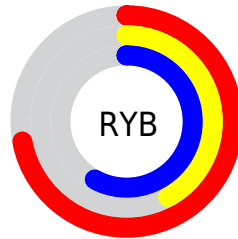
Distribution



Red (72%)

Green (42%)

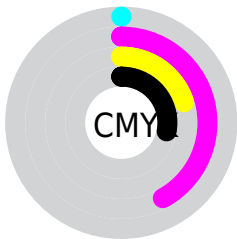
Blue (58%)



Red (72%)

Yellow (42%)

Blue (58%)

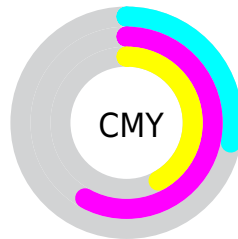


Cyan (0%)

Magenta (42%)

Yellow (20%)

Black (28%)



Cyan (28%)

Magenta (58%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2665, 22.6365, 30.7910 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 30.2665, 22.6365, 30.7910 by changing the saturation by 10% instead.

 30.2665, 22.6365,
30.7910


 30.2665, 22.6365,
30.7910


295.0323,
265.8525, 319.8956


 20.1900, 14.3253,
20.1826


 59.4671, 47.7958,
61.9866


 12.6423, 8.3473,
12.3425


 79.3220, 65.4127,
83.4109

 7.2580, 4.3180,
6.8520


 103.1670, 86.9002,
109.2776

 3.6717, 1.8530,
3.2927

 131.3676,
112.6429, 140.0052

 1.5182, 0.5199,
1.2459

164.2890,
143.0251, 176.0122

 0.3381, 0.0000,
0.0169

202.2967,

 0.0000, 0.0000,

178.4311, 217.7173

0.0000

245.7560,
219.2455, 265.5389

■ 30.2665, 22.6365,
30.7910

■ 30.2665, 22.6365,
30.7910

■ 27.9221, 18.9841,
26.8137

■ 33.0684, 27.1244,
35.1646

■ 26.0058, 16.1110,
23.2171

■ 36.3508, 32.4929,
39.9466

■ 24.4879, 13.9591,
19.9862

■ 40.1373, 38.7875,
45.1498

■ 23.3337, 12.4609,
17.1038

■ 44.4495, 46.0498,
50.7864

■ 22.5019, 11.5356,
14.5503

■ 49.3076, 54.3189,
56.8676

■ 22.0229, 11.0927,
12.8030

■ 54.7309, 63.6315,
63.4043

■ 60.7375, 74.0225,
70.4069

■ 67.3447, 85.5255,
77.8856

■ 69.0410, 87.1159,
84.0074

Harmonies

Analogous

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



27.7817, 22.6365, 44.4583



30.2665, 22.6365, 30.7910



30.2065, 22.6365, 18.9487

Triad

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



30.2665, 22.6365, 30.7910



19.4207, 22.6365, 8.4775



16.3787, 22.6365, 45.0146

Complementary

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



30.2665, 22.6365, 30.7910



27.9679, 39.2988, 31.7044

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.



14.6750, 22.6365, 31.3872



30.2665, 22.6365, 30.7910



16.2701, 22.6365, 11.8187

Square

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



30.2665, 22.6365, 30.7910



23.5654, 22.6365, 8.4105



14.6380, 22.6365, 19.3805



19.5878, 22.6365, 54.3008

Rectangle

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



30.2665, 22.6365, 30.7910



28.7182, 22.6365, 13.5283



14.6380, 22.6365, 19.3805



15.6303, 22.6365, 40.6239

Sweetspot

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



30.2672, 22.6376, 30.7915



72.1549, 69.3014, 81.0348



24.8083, 19.4415, 47.7928



15.2162, 14.3742, 17.0112



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.



30.2672, 22.6376, 30.7915



50.8236, 34.7316, 48.9753



27.7311, 21.6231, 17.4367



9.2013, 9.0909, 10.4076



15.2140, 7.6594, 9.0136



0.5672, 0.2824, 0.4804

Inverse Universe

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



30.2672, 22.6376, 30.7915



50.8236, 34.7316, 48.9753



31.3335, 40.6451, 49.4277



9.2013, 9.0909, 10.4076



15.2140, 7.6594, 9.0136



0.5672, 0.2824, 0.4804

Previews

White Background



This preview shows how the XYZ color 30.2665, 22.6365, 30.7910 looks on a white background.

Color Contrast Check

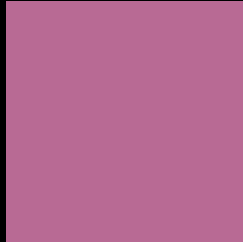
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2665, 22.6365, 30.7910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

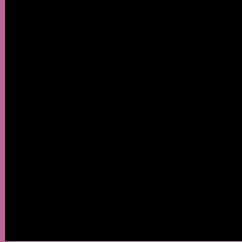
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2665, 22.6365, 30.7910

Background



This preview shows how black text looks on a background with the XYZ color 30.2665, 22.6365, 30.7910.



This preview shows how white text looks on a background with the XYZ color 30.2665, 22.6365,

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

30.2665, 22.6365, 30.7910

Protanopia

22.8519, 22.8566, 38.3293

Deuteranopia

23.2344, 22.8552, 29.5725



Tritanopia

28.1307, 22.5487, 20.6390

Trichromacy



Original Color

30.2665, 22.6365, 30.7910

Protanomaly

24.6860, 22.1631, 35.3246

Deuteranomaly

25.3449, 22.4458, 29.7847

Tritanomaly

28.7893, 22.4941, 23.9435

Monochromacy



Original Color

30.2665, 22.6365, 30.7910

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.8167, 22.9548, 27.5488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2665, 22.6365, 30.7910 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, 106, 148)` looks like.

```
.text, #text, p{  
    color:rgb(184, 106, 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(184, 106, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 106, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.2665, 22.6365, 30.7910 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, 106, 148) }
```


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

```
.border{ border-color:rgb(184, 106, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 106, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 106, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 106, 148);  
box-shadow:4px 4px 4px 4px rgb(184, 106,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2665, 22.6365, 30.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 106, 148) }
```

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

```
.background{ background-color: rgb(184,  
106, 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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