

Converting Colors

XYZ(29.2672, 20.2811, 30.3891)

Have a look what the booklet for
XYZ(29.2672, 20.2811, 30.3891)
contains.

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Color

**XYZ(29.2672, 20.2811,
30.3891)**

Conversions

Conversions Part 1

Format	Color
Hex	B95D94
RGB	185, 93, 148
RGB Percent	73%, 36%, 58%
CMY	0.2745, 0.6353, 0.4196
CMYK	0.00, 0.50, 0.20, 0.27
HSL	324°, 40%, 55%
HSV	324°, 50%, 73%
XYZ	29.2672, 20.2811, 30.3891
YIQ	126.7780, 37.1770, 36.6090

Conversions

Conversions Part 2

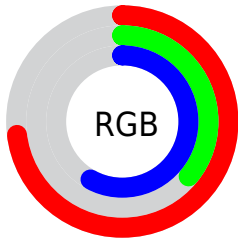
Format	Color
R_{YB}	185, 93, 148
Decimal	12148116
CIE _{Lab}	52.15, 43.87, -13.20
CIE _{LCh}	52, 45.814, 343.260
Yxy	20.2811, 0.3661, 0.2537
Android (android.graphics.Color)	4290338196 (0xFFB95D94)
YUV	126.7780, 10.4624, 51.0607
Hunter-Lab	45.0345, 37.1937, -8.4844

Details

The XYZ color **29.2672, 20.2811, 30.3891** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.8933, 38.6373, 27.2138**, and the grayscale version is **20.0537, 21.0980, 22.9758**.

A 20% lighter version of the original color is **57.9017, 43.8767, 61.2944**, and **12.0039, 7.1161, 12.0501** is the 20% darker color. If you saturate the color by 10%, you get **27.2653, 17.1896, 26.9089**, and if you desaturate by 10%, it is **31.7009, 24.1752, 34.2004**.

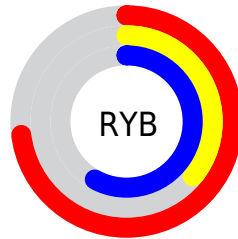
Distribution



Red (73%)

Green (36%)

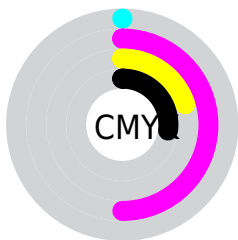
Blue (58%)



Red (73%)

Yellow (36%)

Blue (58%)

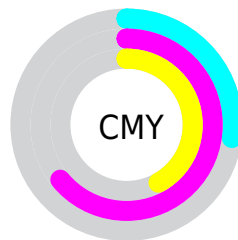


Cyan (0%)

Magenta (50%)

Yellow (20%)

Black (27%)



Cyan (27%)

Magenta (64%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2672, 20.2811, 30.3891 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 29.2672, 20.2811, 30.3891 by changing the saturation by 10% instead.

■ 29.2672, 20.2811,
30.3891

■ 29.2672, 20.2811,
30.3891

290.4451,
253.4328, 317.9775

■ 19.4283, 12.5995,
19.8796

■ 57.8960, 43.8880,
61.3452

■ 12.0860, 7.1534,
12.1243

■ 77.4166, 60.5821,
82.6289

■ 6.8749, 3.5582,
6.7048

■ 100.8952, 81.0491,
108.3410

■ 3.4296, 1.4296,
3.2026

■ 128.6971,
105.6736, 138.9002

■ 1.3848, 0.2384,
1.1990

161.1877,
134.8398, 174.7249

■ 0.2454, 0.0000,
0.0000

198.7323,

■ 0.0000, 0.0000,

168.9321, 216.2336

0.0000

241.6963,
208.3350, 263.8450

■ 29.2672, 20.2811,
30.3891

■ 29.2672, 20.2811,
30.3891

■ 27.2653, 17.1896,
26.9089

■ 31.7009, 24.1752,
34.2004

■ 25.6640, 14.8399,
23.7454

■ 34.5913, 28.9211,
38.3540

■ 24.4303, 13.1672,
20.8841

■ 37.9632, 34.5675,
42.8616

■ 23.5248, 12.0939,
18.3084

■ 41.8394, 41.1585,
47.7340

■ 22.8713, 11.4685,
15.9888

■ 46.2410, 48.7355,
52.9813

■ 22.8546, 11.4531,
15.9283

■ 51.1878, 57.3370,
58.6134

■ 56.6986, 66.9999,
64.6393

■ 62.7914, 77.7589,
71.0681

■ 68.0290, 86.7389,
77.4236

Harmonies

Analogous

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



26.1413, 20.2811, 46.7393



29.2672, 20.2811, 30.3891



29.4549, 20.2811, 16.6724

Triad

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



29.2672, 20.2811, 30.3891



17.2811, 20.2811, 5.2759



13.4263, 20.2811, 44.9343

Complementary

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



29.2672, 20.2811, 30.3891



25.8933, 38.6373, 27.2138

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.



11.7633, 20.2811, 28.5526



29.2672, 20.2811, 30.3891



13.7330, 20.2811, 8.1079

Square

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



29.2672, 20.2811, 30.3891



21.9927, 20.2811, 5.4338



11.8656, 20.2811, 15.4472



16.7938, 20.2811, 57.2015

Rectangle

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



29.2672, 20.2811, 30.3891



27.8443, 20.2811, 10.7302



11.8656, 20.2811, 15.4472



12.6758, 20.2811, 39.4932

Sweetspot

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



29.2678, 20.2821, 30.3895



70.9890, 66.9867, 80.5936



21.8476, 16.0627, 47.8480



14.9974, 13.9212, 16.9857



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.



29.2678, 20.2821, 30.3895



48.4340, 30.1881, 47.4526



26.3309, 19.1073, 14.9240



9.2239, 9.0999, 10.5263



15.5987, 7.8132, 11.0394



0.5796, 0.2873, 0.5458

Inverse Universe

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



29.2678, 20.2821, 30.3895



48.4340, 30.1881, 47.4526



29.6805, 40.1522, 47.1569



9.2239, 9.0999, 10.5263



15.5987, 7.8132, 11.0394



0.5796, 0.2873, 0.5458

Previews

White Background



This preview shows how the XYZ color 29.2672, 20.2811, 30.3891 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 29.2672, 20.2811, 30.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

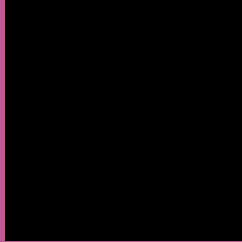
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2672, 20.2811, 30.3891

Background



This preview shows how black text looks on a background with the XYZ color 29.2672, 20.2811, 30.3891.



This preview shows how white text looks on a background with the XYZ color 29.2672, 20.2811,

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

29.2672, 20.2811, 30.3891

Protanopia

20.9265, 20.4752, 40.3853

Deuteranopia

20.8195, 20.4914, 28.8445



Tritanopia

26.4701, 20.2352, 16.9787

Trichromacy



Original Color

29.2672, 20.2811, 30.3891

Protanomaly

22.8747, 19.6505, 36.3055

Deuteranomaly

23.1897, 19.8028, 29.3882

Tritanomaly

27.2342, 20.1105, 21.1852

Monochromacy



Original Color

29.2672, 20.2811, 30.3891

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.7167, 20.3066, 25.6439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2672, 20.2811, 30.3891 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(185, 93, 148)` looks like.

```
.text, #text, p{  
    color:rgb(185, 93, 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(185, 93, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 93, 148) }
```

Border

The CSS property to change the border of an element to XYZ 29.2672, 20.2811, 30.3891 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(185, 93, 148) }
```


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

```
.border{ border-color:rgb(185, 93, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 93, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 93, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 93, 148);  
box-shadow:4px 4px 4px 4px rgb(185, 93,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2672, 20.2811, 30.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 93, 148) }
```

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

```
.background{ background-color: rgb(185, 93,  
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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