

Converting Colors

XYZ(31.5365, 21.9746, 17.5971)

Have a look what the booklet for
XYZ(31.5365, 21.9746, 17.5971)
contains.

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Color

**XYZ(31.5901, 22.0286,
17.6259)**

Conversions

Conversions Part 1

Format	Color
Hex	CB5F6F
RGB	203, 95, 111
RGB Percent	80%, 37%, 44%
CMY	0.2039, 0.6274, 0.5647
CMYK	0.00, 0.53, 0.45, 0.20
HSL	351°, 51%, 58%
HSV	351°, 53%, 80%
XYZ	31.5901, 22.0286, 17.6259
YIQ	129.1160, 59.2320, 27.8720

Conversions

Conversions Part 2

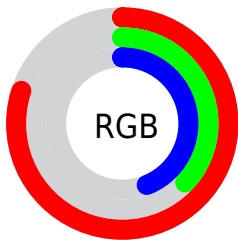
Format	Color
R_{YB}	203, 95, 111
Decimal	13328239
CIE _{Lab}	54.06, 44.37, 11.79
CIE _{LCh}	54, 45.912, 14.878
Yxy	22.0286, 0.4434, 0.3092
Android (android.graphics.Color)	4291518319 (0xFFCB5F6F)
YUV	129.1160, -8.9312, 64.7963
Hunter-Lab	46.9346, 38.0066, 10.5884

Details

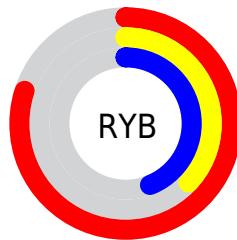
The XYZ color **31.5901, 22.0286, 17.6259** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **35.0461, 48.7332, 54.5761**, and the grayscale version is **20.9233, 22.0130, 23.9721**.

A 20% lighter version of the original color is **58.4408, 45.0842, 40.2723**, and **13.4304, 8.0458, 5.6956** is the 20% darker color. If you saturate the color by 10%, you get **29.1321, 18.4918, 12.5548**, and if you desaturate by 10%, it is **34.7100, 26.5942, 23.8275**.

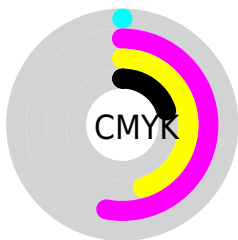
Distribution



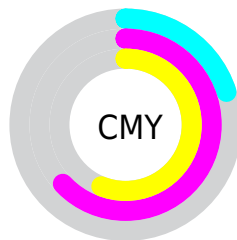
- Red (80%)
- Green (37%)
- Blue (44%)



- Red (80%)
- Yellow (37%)
- Blue (44%)



- Cyan (0%)
- Magenta (53%)
- Yellow (45%)
- Black (20%)



- Cyan (20%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5901, 22.0286, 17.6259 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 31.5901, 22.0286, 17.6259 by changing the saturation by 10% instead.

■ 31.5901, 22.0286,
17.6259

■ 31.5901, 22.0286,
17.6259

301.0263,
262.6956, 250.9188

■ 21.2026, 13.8779,
10.5151

■ 61.5375, 46.7933,
40.2041

■ 13.3855, 8.0358,
5.6317

■ 81.8281, 64.1760,
56.5086

■ 7.7734, 4.1179,
2.5573

■ 106.1505, 85.4049,
76.7147

■ 4.0009, 1.7397,
0.8703

■ 134.8700,
110.8644, 101.2410

■ 1.7026, 0.4492,
0.0000

168.3520,
140.9388, 130.5060

■ 0.4579, 0.0000,
0.0000

206.9618,

■ 0.0000, 0.0000,

176.0125, 164.9283

0.0000

251.0648,
216.4700, 204.9264

■ 31.5901, 22.0286,
17.6259

■ 31.5901, 22.0286,
17.6259

■ 29.1321, 18.4918,
12.5548

■ 34.7100, 26.5942,
23.8275

■ 27.2857, 15.9004,
8.5441

■ 38.5337, 32.2566,
31.2214

■ 25.9962, 14.1637,
5.5178

■ 43.1016, 39.0820,
39.8664

■ 25.1979, 13.1713,
3.3885

■ 48.4504, 47.1305,
49.8168

■ 24.8638, 12.7906,
2.3911

■ 54.6147, 56.4578,
61.1238

■ 61.6266, 67.1164,
73.8360

■ 69.5168, 79.1557,
87.9994

■ 77.5419, 91.0778,
103.4005

■ 78.4386, 91.4365,
108.1226

Harmonies

Analogous

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



31.5763, 22.0286, 31.8514



31.5901, 22.0286, 17.6259



28.4601, 22.0286, 9.4000

Triad

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



31.5901, 22.0286, 17.6259



14.8961, 22.0286, 9.3559



18.5437, 22.0286, 61.2624

Complementary

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



31.5901, 22.0286, 17.6259



35.0461, 48.7332, 54.5761

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.



14.8732, 22.0286, 48.9225



31.5901, 22.0286, 17.6259



13.0051, 22.0286, 17.5344

Square

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



31.5901, 22.0286, 17.6259



18.5799, 22.0286, 6.0733



12.9975, 22.0286, 31.7156



23.4866, 22.0286, 61.3188

Rectangle

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



31.5901, 22.0286, 17.6259



25.2593, 22.0286, 6.7666



12.9975, 22.0286, 31.7156



17.1392, 22.0286, 58.2486

Sweetspot

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



31.5907, 22.0298, 17.6263



78.2877, 74.6346, 78.1586



35.3171, 23.0370, 59.0851



16.3513, 15.3645, 15.9760



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



31.5907, 22.0298, 17.6263



48.2005, 30.1400, 19.7913



35.0552, 30.2443, 14.8181



11.2789, 11.2403, 12.0034



15.8442, 8.1483, 1.6321



0.8396, 0.4293, 0.2013

Inverse Universe

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



31.5907, 22.0298, 17.6263



48.2005, 30.1400, 19.7913



28.9911, 33.7283, 61.4822



11.2789, 11.2403, 12.0034



15.8442, 8.1483, 1.6321



0.8396, 0.4293, 0.2013

Previews

White Background



This preview shows how the XYZ color 31.5901, 22.0286, 17.6259 looks on a white background.

Color Contrast Check

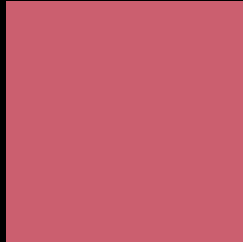
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5901, 22.0286, 17.6259 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 31.5901, 22.0286, 17.6259

Background



This preview shows how black text looks on a background with the XYZ color 31.5901, 22.0286, 17.6259.



This preview shows how white text looks on a background with the XYZ color 31.5901, 22.0286,

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

31.5901, 22.0286, 17.6259

Protanopia

21.3284, 22.1910, 23.9280

Deuteranopia

22.5128, 22.1919, 16.7326



Tritanopia

30.9882, 21.9016, 15.4261

Trichromacy



Original Color

31.5901, 22.0286, 17.6259

Protanomaly

23.9747, 21.3968, 21.2787

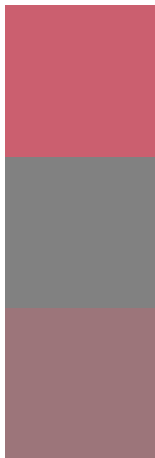
Deuteranomaly

25.0863, 21.5524, 17.0252

Tritanomaly

31.1415, 21.9629, 16.2336

Monochromacy



Original Color

31.5901, 22.0286, 17.6259

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.5844, 21.1956, 21.2605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5901, 22.0286, 17.6259 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(203, 95, 111)` looks like.

```
.text, #text, p{  
    color:rgb(203, 95, 111)  
}
```

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(203, 95, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 95, 111) }
```

Border

The CSS property to change the border of an element to XYZ 31.5901, 22.0286, 17.6259 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(203, 95, 111) }
```


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

```
.border{ border-color:rgb(203, 95, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 95, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 95, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 95, 111);  
box-shadow:4px 4px 4px 4px rgb(203, 95,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5901, 22.0286, 17.6259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 95, 111) }
```

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

```
.background{ background-color: rgb(203, 95,  
111) }
```

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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