

Converting Colors

XYZ(31.4746, 22.5898, 15.1453)

Have a look what the booklet for
XYZ(31.4746, 22.5898, 15.1453)
contains.

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Color

**XYZ(31.4887, 22.5795,
15.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	CB6366
RGB	203, 99, 102
RGB Percent	80%, 39%, 40%
CMY	0.2039, 0.6117, 0.6000
CMYK	0.00, 0.51, 0.50, 0.20
HSL	358°, 50%, 59%
HSV	358°, 51%, 80%
XYZ	31.4887, 22.5795, 15.2690
YIQ	130.4380, 61.0210, 22.9810

Conversions

Conversions Part 2

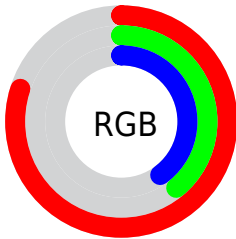
Format	Color
R_{YB}	203, 99, 102
Decimal	13329254
CIE _{Lab}	54.64, 41.51, 17.88
CIE _{LCh}	55, 45.192, 23.306
Yxy	22.5795, 0.4541, 0.3256
Android (android.graphics.Color)	4291519334 (0xFFCB6366)
YUV	130.4380, -14.0199, 63.6369
Hunter-Lab	47.5179, 35.1304, 14.2108

Details

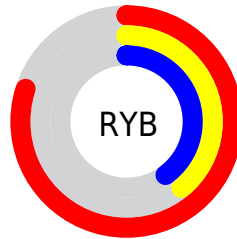
The XYZ color **31.4887, 22.5795, 15.2690** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.9281, 49.5351, 62.2618**, and the grayscale version is **21.4070, 22.5219, 24.5263**.

A 20% lighter version of the original color is **58.2180, 46.0164, 35.9506**, and **13.3832, 8.3286, 4.5166** is the 20% darker color. If you saturate the color by 10%, you get **28.9372, 18.8597, 10.1548**, and if you desaturate by 10%, it is **34.7571, 27.3613, 21.7696**.

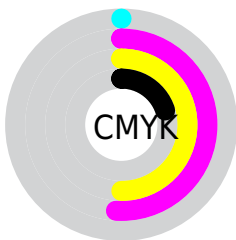
Distribution



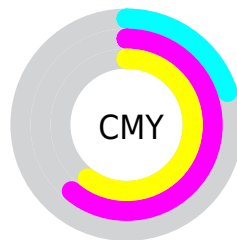
- Red (80%)
- Green (39%)
- Blue (40%)



- Red (80%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (51%)
- Yellow (50%)
- Black (20%)





- Cyan (20%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4887, 22.5795, 15.2690 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 31.4887, 22.5795, 15.2690 by changing the saturation by 10% instead.


 31.4887, 22.5795,
15.2690


 31.4887, 22.5795,
15.2690


300.5703,
265.5578, 236.6853


 21.1249, 14.2833,
8.8597

 61.3793, 47.7019,
36.0734

 13.3283, 8.3180,
4.5542


 81.6368, 65.2970,
51.3055

 7.7336, 4.2991,
1.9340


 105.9229, 86.7605,
70.3156

 3.9753, 1.8422,
0.5143

 134.6030,
112.4767, 93.5223

 1.6882, 0.5133,
0.0000

168.0425,
142.8302, 121.3440

 0.4489, 0.0000,
0.0000

206.6066,

 0.0000, 0.0000,

178.2053, 154.1994

0.0000

250.6608,
218.9863, 192.5070

■ 31.4887, 22.5795,
15.2690

■ 31.4887, 22.5795,
15.2690

■ 28.9372, 18.8597,
10.1548

■ 34.7571, 27.3613,
21.7696

■ 27.0474, 16.1178,
6.3253

■ 38.7891, 33.2738,
29.7461

■ 25.7584, 14.2629,
3.6669

■ 43.6291, 40.3840,
39.2817

■ 24.9977, 13.1852,
2.0454

■ 49.3178, 48.7529,
50.4531

■ 24.6605, 12.7093,
1.3212

■ 55.8933, 58.4371,
63.3321

■ 63.3910, 69.4900,
77.9860

■ 71.8448, 81.9618,
94.4787

■ 78.4385, 91.4365,
108.1226

Harmonies

Analogous

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



32.4204, 22.5795, 27.9158



31.4887, 22.5795, 15.2690



27.6931, 22.5795, 8.5219

Triad

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



31.4887, 22.5795, 15.2690



14.6742, 22.5795, 11.5892



20.3663, 22.5795, 63.0164

Complementary

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



31.4887, 22.5795, 15.2690



36.9281, 49.5351, 62.2618

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.



16.2422, 22.5795, 53.7079



31.4887, 22.5795, 15.2690



13.3003, 22.5795, 21.5307

Square

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



31.4887, 22.5795, 15.2690



17.8980, 22.5795, 7.0425



13.8265, 22.5795, 37.0808



25.4684, 22.5795, 59.2607

Rectangle

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



31.4887, 22.5795, 15.2690



24.3251, 22.5795, 6.5837



13.8265, 22.5795, 37.0808



18.8313, 22.5795, 61.2226

Sweetspot

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



31.4893, 22.5807, 15.2694



78.6239, 75.8111, 76.7168



38.9368, 25.4519, 59.3602



16.3936, 15.5865, 15.5659



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.



31.4893, 22.5807, 15.2694



48.2397, 31.2672, 16.5704



37.3983, 34.6322, 16.5196



11.2252, 11.2188, 11.7205



15.6997, 8.0905, 0.8712



0.8146, 0.4193, 0.0696

Inverse Universe

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



31.4893, 22.5807, 15.2694



48.2397, 31.2672, 16.5704



27.5590, 30.2313, 60.8824



11.2252, 11.2188, 11.7205



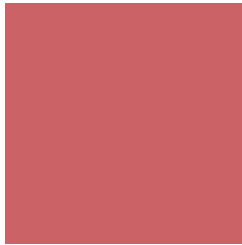
15.6997, 8.0905, 0.8712



0.8146, 0.4193, 0.0696

Previews

White Background



This preview shows how the XYZ color 31.4887, 22.5795, 15.2690 looks on a white background.

Color Contrast Check

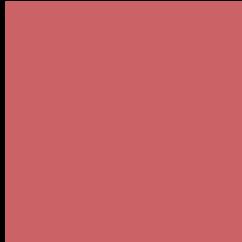
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4887, 22.5795, 15.2690 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 31.4887, 22.5795, 15.2690

Background



This preview shows how black text looks on a background with the XYZ color 31.4887, 22.5795, 15.2690.



This preview shows how white text looks on a background with the XYZ color 31.4887, 22.5795,

15.2690.

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

31.4887, 22.5795, 15.2690

Protanopia

21.6437, 22.8353, 20.0965

Deuteranopia

23.1361, 22.7533, 14.4817



Tritanopia

31.5461, 22.4518, 16.0356

Trichromacy



Original Color

31.4887, 22.5795, 15.2690

Protanomaly

24.2194, 21.9406, 18.2877

Deuteranomaly

25.5108, 22.1623, 14.7376

Tritanomaly

31.4950, 22.4314, 15.7664

Monochromacy



Original Color

31.4887, 22.5795, 15.2690

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.8916, 21.7178, 20.7020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4887, 22.5795, 15.2690 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, 99, 102)` looks like.

```
.text, #text, p{  
    color:rgb(203, 99, 102)  
}
```

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, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 99, 102) }
```

Border

The CSS property to change the border of an element to XYZ 31.4887, 22.5795, 15.2690 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, 99, 102) }
```


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

```
.border{ border-color:rgb(203, 99, 102) }
```

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

Here you see how a box with a 4 pixel rgb(203, 99, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(203, 99,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4887, 22.5795, 15.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 99, 102) }
```

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

```
.background{ background-color: rgb(203, 99,  
102) }
```

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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