

Converting Colors

XYZ(29.5244, 22.4153, 13.0731)

Have a look what the booklet for
XYZ(29.5244, 22.4153, 13.0731)
contains.

XYZ(29.4318, 22.2930, 13.1077)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.4318, 22.2930,
13.1077)**

Conversions

Conversions Part 1

Format	Color
Hex	C3685D
RGB	195, 104, 93
RGB Percent	76%, 41%, 36%
CMY	0.2353, 0.5921, 0.6353
CMYK	0.00, 0.47, 0.52, 0.24
HSL	6°, 46%, 56%
HSV	6°, 52%, 76%
XYZ	29.4318, 22.2930, 13.1077
YIQ	129.9550, 57.7670, 15.8710

Conversions

Conversions Part 2

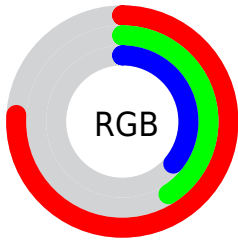
Format	Color
RYB	195, 105, 93
Decimal	12806237
CIELab	54.34, 35.09, 22.52
CIELCh	54, 41.697, 32.684
Yxy	22.2930, 0.4540, 0.3439
Android (android.graphics.Color)	4290996317 (0xFFC3685D)
YUV	129.9550, -18.2188, 57.0445
Hunter-Lab	47.2155, 28.6411, 16.5911

Details

The XYZ color **29.4318, 22.2930, 13.1077** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **31.5042, 40.5464, 57.7955**, and the grayscale version is **21.2508, 22.3575, 24.3473**.

A 20% lighter version of the original color is **58.2549, 47.3571, 32.0571**, and **12.1488, 8.1619, 3.6244** is the 20% darker color. If you saturate the color by 10%, you get **27.1016, 18.8431, 8.5994**, and if you desaturate by 10%, it is **32.3446, 26.5557, 18.8969**.

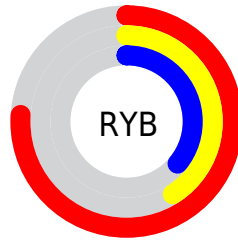
Distribution



Red (76%)

Green (41%)

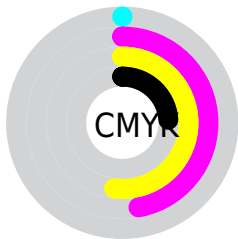
Blue (36%)



Red (76%)

Yellow (41%)

Blue (36%)

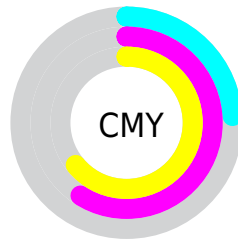


Cyan (0%)

Magenta (47%)

Yellow (52%)

Black (24%)



Cyan (24%)

Magenta (59%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4318, 22.2930, 13.1077 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 29.4318, 22.2930, 13.1077 by changing the saturation by 10% instead.


 29.4318, 22.2930,
13.1077


 29.4318, 22.2930,
13.1077


291.2045,
264.0726, 222.8388


 19.5536, 14.0724,
7.3712

 58.1553, 47.2298,
32.1912

 12.1774, 8.1710,
3.6133


 77.7313, 64.7147,
46.3751

 6.9377, 4.2046,
1.4157


 101.2706, 86.0565,
64.2120

 3.4691, 1.7886,
0.1539

 129.1386,
111.6396, 86.1203

 1.4064, 0.4801,
0.0000

161.7006,
141.8484, 112.5186

 0.2608, 0.0000,
0.0000

199.3220,

 0.0000, 0.0000,

177.0672, 143.8254

0.0000

242.3682,
217.6805, 180.4593

■ 29.4318, 22.2930,
13.1077

■ 29.4318, 22.2930,
13.1077

■ 27.1016, 18.8431,
8.5994

■ 32.3446, 26.5557,
18.8969

■ 25.3128, 16.1510,
5.2735

■ 35.8740, 31.6748,
26.0532

■ 24.0215, 14.1602,
3.0187

■ 40.0534, 37.6949,
34.6567

■ 23.1760, 12.8048,
1.7020

■ 44.9134, 44.6564,
44.7809

■ 22.7745, 12.1398,
1.1429

■ 50.4826, 52.5974,
56.4944

■ 56.7879, 61.5538,
69.8614

■ 63.8548, 71.5597,
84.9429

■ 71.7076, 82.6476,
101.7965

■ 76.3157, 90.3421,
108.0232

Harmonies

Analogous

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



31.1765, 22.2930, 23.1197



29.4318, 22.2930, 13.1077



25.4594, 22.2930, 8.1312

Triad

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



29.4318, 22.2930, 13.1077



14.3317, 22.2930, 14.5009



21.6008, 22.2930, 58.8575

Complementary

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



29.4318, 22.2930, 13.1077



31.5042, 40.5464, 57.7955

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.



17.4247, 22.2930, 54.0074



29.4318, 22.2930, 13.1077



13.6007, 22.2930, 25.4646

Square

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



29.4318, 22.2930, 13.1077



16.8098, 22.2930, 8.7099



14.6494, 22.2930, 40.4597



26.2691, 22.2930, 52.0339

Rectangle

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



29.4318, 22.2930, 13.1077



22.3218, 22.2930, 6.9456



14.6494, 22.2930, 40.4597



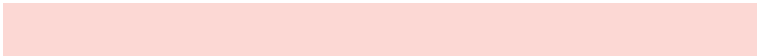
20.0949, 22.2930, 58.5397

Sweetspot

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



29.4324, 22.2942, 13.1081



76.8616, 74.8610, 72.7243



35.1559, 22.9253, 48.3604



16.4316, 15.8204, 15.0921



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.



29.4324, 22.2942, 13.1081



47.9390, 32.8514, 14.2649



36.0702, 35.5698, 15.3207



10.1587, 10.2489, 10.5047



14.8331, 7.9520, 0.7531



0.6708, 0.4035, 0.0425

Inverse Universe

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



31.5042, 40.5464, 57.7955



51.9893, 68.9887, 103.0458



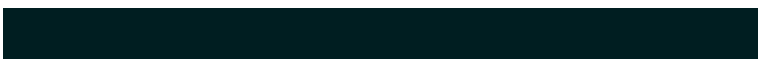
22.8622, 23.2625, 54.9148



10.2727, 11.2368, 12.9123



16.2724, 22.3013, 37.0036



0.7302, 1.0178, 1.6078

Previews

White Background



This preview shows how the XYZ color 29.4318, 22.2930, 13.1077 looks on a white background.

Color Contrast Check

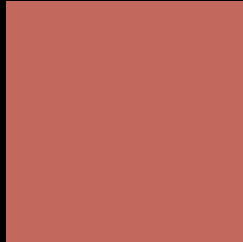
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4318, 22.2930, 13.1077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

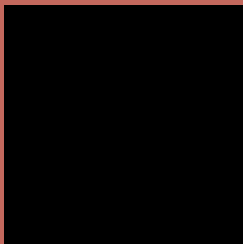
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4318, 22.2930, 13.1077

Background



This preview shows how black text looks on a background with the XYZ color 29.4318, 22.2930, 13.1077.

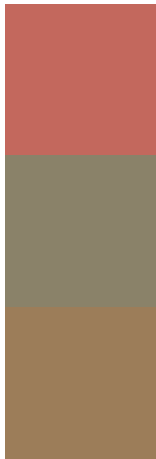


This preview shows how white text looks on a background with the XYZ color 29.4318, 22.2930,

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

29.4318, 22.2930, 13.1077

Protanopia

21.0137, 22.3885, 16.5785

Deuteranopia

22.8471, 22.4564, 12.5815



Tritanopia

30.2766, 22.3426, 17.1848

Trichromacy



Original Color

29.4318, 22.2930, 13.1077

Protanomaly

23.4844, 21.9853, 15.3177

Deuteranomaly

24.7843, 22.0068, 12.6143

Tritanomaly

30.0634, 22.4155, 15.5741

Monochromacy



Original Color

29.4318, 22.2930, 13.1077

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.3747, 21.8291, 19.8111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4318, 22.2930, 13.1077 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(195, 104, 93)` looks like.

```
.text, #text, p{  
    color:rgb(195, 104, 93)  
}
```

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(195, 104, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 104, 93) }
```

Border

The CSS property to change the border of an element to XYZ 29.4318, 22.2930, 13.1077 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(195, 104, 93) }
```


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

```
.border{ border-color:rgb(195, 104, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 104, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 104, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 104, 93);  
box-shadow:4px 4px 4px 4px rgb(195, 104,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4318, 22.2930, 13.1077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 104, 93) }
```

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

```
.background{ background-color: rgb(195,  
104, 93) }
```

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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