

Converting Colors

XYZ(30.8667, 20.2108, 13.7739)

Have a look what the booklet for
XYZ(30.8667, 20.2108, 13.7739)
contains.

XYZ(31.0300, 20.3338, 13.8446)	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(31.0300, 20.3338,
13.8446)**

Conversions

Conversions Part 1

Format	Color
Hex	CF5362
RGB	207, 83, 98
RGB Percent	81%, 33%, 38%
CMY	0.1882, 0.6745, 0.6157
CMYK	0.00, 0.60, 0.53, 0.19
HSL	353°, 56%, 57%
HSV	353°, 60%, 81%
XYZ	31.0300, 20.3338, 13.8446
YIQ	121.7860, 69.0890, 30.9530

Conversions

Conversions Part 2

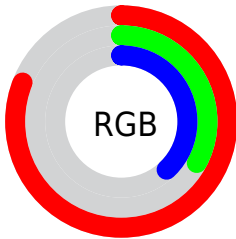
Format	Color
R_{YB}	207, 83, 98
Decimal	13587298
CIE _{Lab}	52.21, 50.27, 17.04
CIE _{LCh}	52, 53.074, 18.724
Yxy	20.3338, 0.4759, 0.3118
Android (android.graphics.Color)	4291777378 (0xFFCF5362)
YUV	121.7860, -11.7265, 74.7327
Hunter-Lab	45.0930, 43.9190, 13.3617

Details

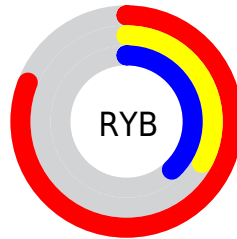
The XYZ color **31.0300, 20.3338, 13.8446** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **35.3959, 50.2709, 57.7109**, and the grayscale version is **18.4510, 19.4119, 21.1395**.

A 20% lighter version of the original color is **55.6105, 41.3212, 33.4786**, and **13.0001, 7.1462, 3.9430** is the 20% darker color. If you saturate the color by 10%, you get **28.9122, 17.3205, 9.3708**, and if you desaturate by 10%, it is **33.8169, 24.3728, 19.5054**.

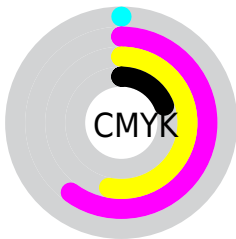
Distribution



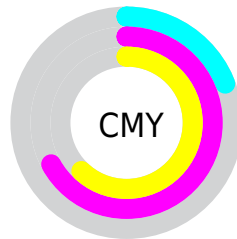
- Red (81%)
- Green (33%)
- Blue (38%)



- Red (81%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (60%)
- Yellow (53%)
- Black (19%)





- Cyan (19%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0300, 20.3338, 13.8446 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 31.0300, 20.3338, 13.8446 by changing the saturation by 10% instead.


 31.0300, 20.3338,
13.8446


 31.0300, 20.3338,
13.8446


298.5009,
253.7165, 227.6566


 20.7736, 12.6379,
7.8751


 60.6628, 43.9761,
33.5262


 13.0702, 7.1797,
3.9285


 80.7700, 60.6913,
48.0754


 7.5542, 3.5747,
1.5862


 104.8915, 81.1818,
66.3216

 3.8604, 1.4386,
0.2810

 133.3926,
105.8319, 88.6834

 1.6235, 0.2449,
0.0000

 166.6388,
135.0260, 115.5792

 0.4076, 0.0000,
0.0000

204.9953,

 0.0000, 0.0000,

169.1486, 147.4277

0.0000

248.8276,
208.5839, 184.6473

■ 31.0300, 20.3338,
13.8446

■ 31.0300, 20.3338,
13.8446

■ 28.9122, 17.3205,
9.3708

■ 33.8169, 24.3728,
19.5054

■ 27.4049, 15.2371,
5.9977

■ 37.3215, 29.5153,
26.4288

■ 26.4421, 13.9757,
3.6290

■ 41.5900, 35.8355,
34.6853

■ 25.9120, 13.3410,
2.1411

■ 46.6638, 43.4001,
44.3401

■ 25.9078, 13.3357,
2.1299

■ 52.5818, 52.2709,
55.4538

■ 59.3800, 62.5056,
68.0836

■ 67.0925, 74.1583,
82.2837

■ 75.7514, 87.2803,
98.1054

■ 79.5420, 92.0053,
108.1742

Harmonies

Analogous

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



31.5150, 20.3338, 28.5334



31.0300, 20.3338, 13.8446



27.0858, 20.3338, 6.3896

Triad

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



31.0300, 20.3338, 13.8446



12.4798, 20.3338, 7.6690



17.3516, 20.3338, 66.4644

Complementary

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



31.0300, 20.3338, 13.8446



35.3959, 50.2709, 57.7109

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.



13.2119, 20.3338, 53.1707



31.0300, 20.3338, 13.8446



10.7724, 20.3338, 16.7811

Square

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



31.0300, 20.3338, 13.8446



16.1578, 20.3338, 4.1566



11.0125, 20.3338, 33.2233



22.8849, 20.3338, 64.3892

Rectangle

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



31.0300, 20.3338, 13.8446



23.3786, 20.3338, 4.3081



11.0125, 20.3338, 33.2233



15.7723, 20.3338, 63.4635

Sweetspot

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



31.0305, 20.3349, 13.8449



76.2858, 71.7983, 73.8923



35.7084, 21.7001, 61.3377



15.7719, 14.5358, 14.7648



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.



31.0305, 20.3349, 13.8449



45.5212, 26.6185, 13.2345



35.0745, 29.4516, 12.0213



11.8661, 11.8312, 12.5705



16.3418, 8.4096, 1.4402



0.9335, 0.4781, 0.1848

Inverse Universe

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



31.0305, 20.3349, 13.8449



45.5212, 26.6185, 13.2345



27.6691, 32.0218, 63.7537



11.8661, 11.8312, 12.5705



16.3418, 8.4096, 1.4402



0.9335, 0.4781, 0.1848

Previews

White Background



This preview shows how the XYZ color 31.0300, 20.3338, 13.8446 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 31.0300, 20.3338, 13.8446 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 31.0300, 20.3338, 13.8446

Background



This preview shows how black text looks on a background with the XYZ color 31.0300, 20.3338, 13.8446.



This preview shows how white text looks on a background with the XYZ color 31.0300, 20.3338,

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

31.0300, 20.3338, 13.8446

Protanopia

19.6569, 20.6424, 20.0879

Deuteranopia

20.8610, 20.5015, 12.9829



Tritanopia

30.7479, 20.3442, 11.9791

Trichromacy



Original Color

31.0300, 20.3338, 13.8446

Protanomaly

22.3498, 19.4677, 17.6186

Deuteranomaly

23.6403, 19.7586, 13.1575

Tritanomaly

30.8782, 20.3964, 12.6654

Monochromacy



Original Color

31.0300, 20.3338, 13.8446

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.4801, 18.6897, 18.0981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0300, 20.3338, 13.8446 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(207, 83, 98)` looks like.

```
.text, #text, p{  
    color:rgb(207, 83, 98)  
}
```

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(207, 83, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 83, 98) }
```

Border

The CSS property to change the border of an element to XYZ 31.0300, 20.3338, 13.8446 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(207, 83, 98) }
```


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

```
.border{ border-color:rgb(207, 83, 98) }
```

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

Here you see how a box with a 4 pixel rgb(207, 83, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 83, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 83, 98);  
box-shadow:4px 4px 4px 4px rgb(207, 83,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0300, 20.3338, 13.8446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 83, 98) }
```

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

```
.background{ background-color: rgb(207, 83,  
98) }
```

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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