

Converting Colors

XYZ(31.6305, 21.5718, 15.0765)

Have a look what the booklet for
XYZ(31.6305, 21.5718, 15.0765)
contains.

XYZ(31.5930, 21.5633, 15.0674)	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(31.5930, 21.5633,
15.0674)**

Conversions

Conversions Part 1

Format	Color
Hex	CE5B66
RGB	206, 91, 102
RGB Percent	81%, 36%, 40%
CMY	0.1922, 0.6431, 0.6000
CMYK	0.00, 0.56, 0.50, 0.19
HSL	354°, 54%, 58%
HSV	354°, 56%, 81%
XYZ	31.5930, 21.5633, 15.0674
YIQ	126.6390, 65.0090, 27.8010

Conversions

Conversions Part 2

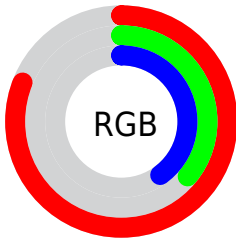
Format	Color
R_{YB}	206, 91, 102
Decimal	13523814
CIE _{Lab}	53.56, 46.52, 16.48
CIE _{LCh}	54, 49.358, 19.509
Yxy	21.5633, 0.4631, 0.3161
Android (android.graphics.Color)	4291713894 (0xFFCE5B66)
YUV	126.6390, -12.1470, 69.5996
Hunter-Lab	46.4363, 40.1792, 13.2673

Details

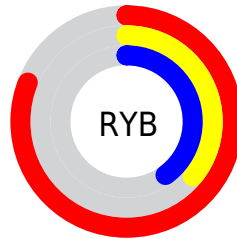
The XYZ color **31.5930, 21.5633, 15.0674** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **36.2373, 50.3074, 59.4336**, and the grayscale version is **20.0745, 21.1200, 22.9996**.

A 20% lighter version of the original color is **57.1152, 43.8107, 35.5830**, and **13.3838, 7.8020, 4.4150** is the 20% darker color. If you saturate the color by 10%, you get **29.2449, 18.1835, 10.2272**, and if you desaturate by 10%, it is **34.6331, 25.9950, 21.1630**.

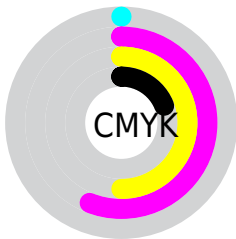
Distribution



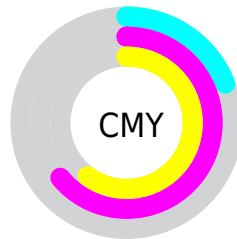
- Red (81%)
- Green (36%)
- Blue (40%)



- Red (81%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (56%)
- Yellow (50%)
- Black (19%)





- Cyan (19%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5930, 21.5633, 15.0674 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 31.5930, 21.5633, 15.0674 by changing the saturation by 10% instead.


 31.5930, 21.5633,
15.0674


 31.5930, 21.5633,
15.0674


301.0394,
260.2572, 235.4286


 21.2049, 13.5364,
8.7196


 61.5420, 46.0232,
35.7154

 13.3871, 7.7989,
4.4644


 81.8336, 63.2249,
50.8525

 7.7745, 3.9666,
1.8834

 106.1570, 84.2537,
69.7566

 4.0016, 1.6549,
0.4822

 134.8776,
109.4939, 92.8460

 1.7030, 0.3942,
0.0000

168.3608,
139.3299, 120.5394

 0.4582, 0.0000,
0.0000

206.9720,

 0.0000, 0.0000,

174.1463, 153.2553

0.0000

251.0763,
214.3272, 191.4122

■ 31.5930, 21.5633,
15.0674

■ 31.5930, 21.5633,
15.0674

■ 29.2449, 18.1835,
10.2272

■ 34.6331, 25.9950,
21.1630

■ 27.5325, 15.7652,
6.5535

■ 38.4123, 31.5522,
28.5922

■ 26.3933, 14.2088,
3.9476

■ 42.9755, 38.3060,
37.4279

■ 25.7504, 13.3900,
2.2935

■ 48.3636, 46.3205,
47.7378

■ 25.5771, 13.1712,
1.8419

■ 54.6145, 55.6554,
59.5848

■ 61.7640, 66.3666,
73.0284

■ 69.8455, 78.5067,
88.1249

■ 78.6332, 91.6097,
104.8419

■ 79.2636, 91.8618,
108.1612

Harmonies

Analogous

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



32.1459, 21.5633, 29.1621



31.5930, 21.5633, 15.0674



27.7952, 21.5633, 7.6131

Triad

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



31.5930, 21.5633, 15.0674



13.7210, 21.5633, 9.2380



18.7070, 21.5633, 65.0731

Complementary

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



31.5930, 21.5633, 15.0674



36.2373, 50.3074, 59.4336

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.



14.6004, 21.5633, 53.1448



31.5930, 21.5633, 15.0674



12.0667, 21.5633, 18.5864

Square

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



31.5930, 21.5633, 15.0674



17.2974, 21.5633, 5.3838



12.3584, 21.5633, 34.5513



24.0648, 21.5633, 62.7729

Rectangle

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



31.5930, 21.5633, 15.0674



24.2466, 21.5633, 5.4477



12.3584, 21.5633, 34.5513



17.1523, 21.5633, 62.4465

Sweetspot

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



31.5935, 21.5645, 15.0678



77.0642, 73.1194, 74.8783



37.2591, 23.4752, 60.9598



16.0994, 15.0617, 15.2723



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.



31.5935, 21.5645, 15.0678



46.7457, 28.5535, 15.2274



36.2884, 31.7697, 14.1186



11.2552, 11.2308, 11.8783



15.7659, 8.1170, 1.2200



0.8286, 0.4249, 0.1433

Inverse Universe

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



31.5935, 21.5645, 15.0678



46.7457, 28.5535, 15.2274



28.0269, 31.8232, 63.0578



11.2552, 11.2308, 11.8783



15.7659, 8.1170, 1.2200



0.8286, 0.4249, 0.1433

Previews

White Background



This preview shows how the XYZ color 31.5930, 21.5633, 15.0674 looks on a white background.

Color Contrast Check

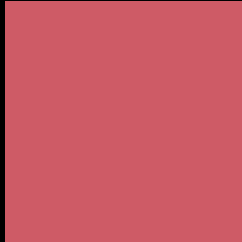
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5930, 21.5633, 15.0674 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 31.5930, 21.5633, 15.0674

Background



This preview shows how black text looks on a background with the XYZ color 31.5930, 21.5633, 15.0674.



This preview shows how white text looks on a background with the XYZ color 31.5930, 21.5633,

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

31.5930, 21.5633, 15.0674

Protanopia

20.7822, 21.7810, 20.8781

Deuteranopia

22.0031, 21.6083, 14.3204



Tritanopia

31.4853, 21.6579, 14.0762

Trichromacy



Original Color

31.5930, 21.5633, 15.0674

Protanomaly

23.6086, 20.9273, 18.4179

Deuteranomaly

24.7312, 20.9277, 14.5403

Tritanomaly

31.5329, 21.6770, 14.3265

Monochromacy



Original Color

31.5930, 21.5633, 15.0674

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.9976, 20.4106, 19.8671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5930, 21.5633, 15.0674 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(206, 91, 102)` looks like.

```
.text, #text, p{  
    color:rgb(206, 91, 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(206, 91, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 91, 102) }
```

Border

The CSS property to change the border of an element to XYZ 31.5930, 21.5633, 15.0674 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(206, 91, 102) }
```


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

```
.border{ border-color:rgb(206, 91, 102) }
```

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

Here you see how a box with a 4 pixel rgb(206, 91, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 91, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 91, 102);  
box-shadow:4px 4px 4px 4px rgb(206, 91,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5930, 21.5633, 15.0674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 91, 102) }
```

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

```
.background{ background-color: rgb(206, 91,  
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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