

Converting Colors

XYZ(30.2358, 21.5725, 13.6719)

Have a look what the booklet for
XYZ(30.2358, 21.5725, 13.6719)
contains.

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Color

**XYZ(30.1136, 21.4896,
13.6271)**

Conversions

Conversions Part 1

Format	Color
Hex	C86060
RGB	200, 96, 96
RGB Percent	78%, 38%, 38%
CMY	0.2157, 0.6235, 0.6235
CMYK	0.00, 0.52, 0.52, 0.22
HSL	0°, 49%, 58%
HSV	0°, 52%, 78%
XYZ	30.1136, 21.4896, 13.6271
YIQ	127.0960, 61.9840, 22.0480

Conversions

Conversions Part 2

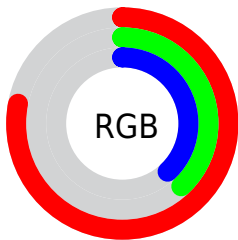
Format	Color
R_{YB}	200, 96, 96
Decimal	13131872
CIE _{Lab}	53.48, 41.37, 19.75
CIE _{LCh}	53, 45.848, 25.523
Yxy	21.4896, 0.4617, 0.3294
Android (android.graphics.Color)	4291321952 (0xFFC86060)
YUV	127.0960, -15.3303, 63.9368
Hunter-Lab	46.3569, 34.8297, 15.0209

Details

The XYZ color **30.1136, 21.4896, 13.6271** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.9022, 47.9629, 62.0089**, and the grayscale version is **20.2425, 21.2967, 23.1921**.

A 20% lighter version of the original color is **57.1758, 44.8302, 32.8337**, and **12.6317, 7.7824, 3.8540** is the 20% darker color. If you saturate the color by 10%, you get **27.7088, 17.9710, 8.8460**, and if you desaturate by 10%, it is **33.2178, 26.0323, 19.7972**.

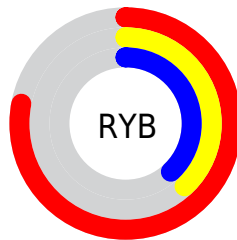
Distribution



Red (78%)

Green (38%)

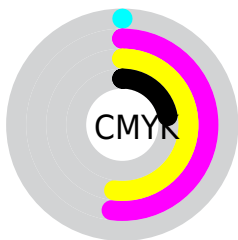
Blue (38%)



Red (78%)

Yellow (38%)

Blue (38%)

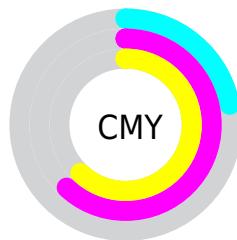


Cyan (0%)

Magenta (52%)

Yellow (52%)

Black (22%)



Cyan (22%)


Magenta (62%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1136, 21.4896, 13.6271 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 30.1136, 21.4896, 13.6271 by changing the saturation by 10% instead.


 30.1136, 21.4896,
13.6271


 30.1136, 21.4896,
13.6271


294.3339,
259.8691, 226.2457


 20.0733, 13.4824,
7.7260


 59.2272, 45.9010,
33.1334

 12.5569, 7.7615,
3.8349


 79.0312, 63.0738,
47.5758

 7.1991, 3.9427,
1.5352


 102.8205, 84.0707,
65.7022

 3.6343, 1.6416,
0.2439

 130.9605,
109.2760, 87.9314

 1.4974, 0.3854,
0.0000

163.8164,
139.0741, 114.6818

 0.3241, 0.0000,
0.0000

201.7538,

 0.0000, 0.0000,

173.8494, 146.3719

0.0000

245.1378,
213.9863, 183.4204

■ 30.1136, 21.4896,
13.6271

■ 30.1136, 21.4896,
13.6271

■ 27.7088, 17.9710,
8.8460

■ 33.2178, 26.0323,
19.7972

■ 25.9477, 15.3940,
5.3452

■ 37.0681, 31.6664,
27.4514

■ 24.7689, 13.6690,
3.0021

■ 41.7091, 38.4576,
36.6776

■ 24.0983, 12.6876,
1.6691

■ 47.1816, 46.4654,
47.5567

■ 23.8194, 12.2795,
1.1148

■ 53.5234, 55.7452,
60.1639

■ 60.7699, 66.3489,
74.5699

■ 68.9549, 78.3257,
90.8415

■ 77.6293, 91.0193,
108.0847

Harmonies

Analogous

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



31.2770, 21.4896, 25.5590



30.1136, 21.4896, 13.6271



26.2088, 21.4896, 7.5045

Triad

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



30.1136, 21.4896, 13.6271



13.6272, 21.4896, 11.2476



19.7016, 21.4896, 61.7003

Complementary

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



30.1136, 21.4896, 13.6271



35.9022, 47.9629, 62.0089

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.



15.5620, 21.4896, 53.2664



30.1136, 21.4896, 13.6271



12.4280, 21.4896, 21.3633

Square

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



30.1136, 21.4896, 13.6271



16.6442, 21.4896, 6.5641



13.0757, 21.4896, 36.9875



24.7394, 21.4896, 56.9788

Rectangle

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



30.1136, 21.4896, 13.6271



22.8612, 21.4896, 5.8350



13.0757, 21.4896, 36.9875



18.1687, 21.4896, 60.2402

Sweetspot

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



30.1141, 21.4907, 13.6275



77.5009, 74.3208, 74.0129



38.4276, 24.8153, 57.4079



16.1668, 15.2909, 15.0038



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.



30.1141, 21.4907, 13.6275



47.6592, 30.6536, 14.6897



36.5206, 34.3038, 15.7630



10.6339, 10.6370, 11.0554



15.1453, 7.8078, 0.7088



0.7171, 0.3697, 0.0336

Inverse Universe

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



35.9022, 47.9629, 62.0089



58.7265, 81.2707, 107.1994



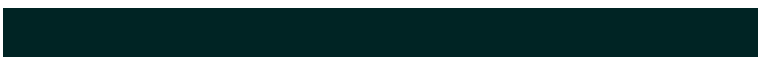
25.8392, 27.8369, 58.6546



10.9467, 12.0675, 13.6698



19.7600, 28.9140, 39.2839



0.9357, 1.3691, 1.8601

Previews

White Background



This preview shows how the XYZ color 30.1136, 21.4896, 13.6271 looks on a white background.

Color Contrast Check

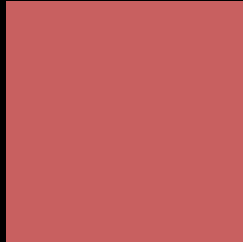
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1136, 21.4896, 13.6271 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 30.1136, 21.4896, 13.6271

Background



This preview shows how black text looks on a background with the XYZ color 30.1136, 21.4896, 13.6271.



This preview shows how white text looks on a background with the XYZ color 30.1136, 21.4896,

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

30.1136, 21.4896, 13.6271

Protanopia

20.5801, 21.7369, 18.1499

Deuteranopia

21.9202, 21.5966, 12.9108



Tritanopia

30.3099, 21.4231, 15.1079

Trichromacy



Original Color

30.1136, 21.4896, 13.6271

Protanomaly

23.1450, 20.9023, 16.4503

Deuteranomaly

24.2431, 21.0356, 13.1384

Tritanomaly

30.2119, 21.3839, 14.5918

Monochromacy



Original Color

30.1136, 21.4896, 13.6271

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.7242, 20.6218, 19.3057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1136, 21.4896, 13.6271 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(200, 96, 96)` looks like.

```
.text, #text, p{  
    color:rgb(200, 96, 96)  
}
```

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(200, 96, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 96, 96) }
```

Border

The CSS property to change the border of an element to XYZ 30.1136, 21.4896, 13.6271 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(200, 96, 96) }
```


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

```
.border{ border-color:rgb(200, 96, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 96, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 96, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 96, 96);  
box-shadow:4px 4px 4px 4px rgb(200, 96,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1136, 21.4896, 13.6271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 96, 96) }
```

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

```
.background{ background-color: rgb(200, 96,  
96) }
```

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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