

Converting Colors

XYZ(30.1848, 19.6902, 13.0361)

Have a look what the booklet for
XYZ(30.1848, 19.6902, 13.0361)
contains.

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Color

**XYZ(30.1848, 19.6902,
13.0361)**

Conversions

Conversions Part 1

Format	Color
Hex	CD515F
RGB	205, 81, 95
RGB Percent	80%, 32%, 37%
CMY	0.1961, 0.6823, 0.6274
CMYK	0.00, 0.60, 0.54, 0.20
HSL	353°, 55%, 56%
HSV	353°, 60%, 80%
XYZ	30.1848, 19.6902, 13.0361
YIQ	119.6720, 69.4100, 30.6420

Conversions

Conversions Part 2

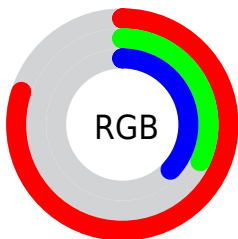
Format	Color
R_{YB}	205, 81, 95
Decimal	13455711
CIE Lab	51.49, 50.25, 17.78
CIE LCh	51, 53.299, 19.487
Yxy	19.6902, 0.4798, 0.3130
Android (android.graphics.Color)	4291645791 (0xFFCD515F)
YUV	119.6720, -12.1633, 74.8327
Hunter-Lab	44.3736, 43.7693, 13.6433

Details

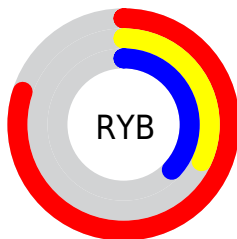
The XYZ color **30.1848, 19.6902, 13.0361** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **34.6299, 49.1740, 56.9604**, and the grayscale version is **17.7707, 18.6962, 20.3602**.

A 20% lighter version of the original color is **55.0148, 40.6323, 31.7313**, and **12.5183, 6.8153, 3.5614** is the 20% darker color. If you saturate the color by 10%, you get **28.1523, 16.7974, 8.7452**, and if you desaturate by 10%, it is **32.8710, 23.5818, 18.4973**.

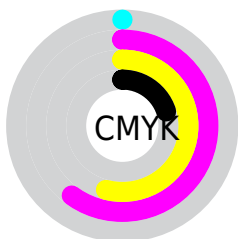
Distribution



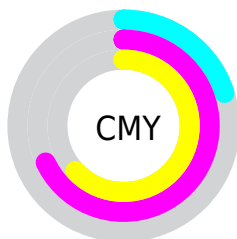
- Red (80%)
- Green (32%)
- Blue (37%)



- Red (80%)
- Yellow (32%)
- Blue (37%)



- Cyan (0%)
- Magenta (60%)
- Yellow (54%)
- Black (20%)





- Cyan (20%)
- Magenta (68%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1848, 19.6902, 13.0361 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 30.1848, 19.6902, 13.0361 by changing the saturation by 10% instead.

 30.1848, 19.6902,
13.0361


 30.1848, 19.6902,
13.0361


294.6593,
250.2330, 222.3648


 20.1277, 12.1701,
7.3224

 59.3389, 42.8972,
32.0608


 12.5967, 6.8596,
3.5830


 79.1666, 59.3528,
46.2088


 7.2265, 3.3744,
1.3995


 102.9819, 79.5557,
64.0053

 3.6517, 1.3302,
0.1413

 131.1501,
103.8902, 85.8690

 1.5071, 0.1644,
0.0000

 164.0366,
132.7408, 112.2182

 0.3306, 0.0000,
0.0000

202.0067,

 0.0000, 0.0000,

166.4919, 143.4715

0.0000

245.4258,
205.5278, 180.0476

■ 30.1848, 19.6902,
13.0361

■ 30.1848, 19.6902,
13.0361

■ 28.1523, 16.7974,
8.7452

■ 32.8710, 23.5818,
18.4973

■ 26.7156, 14.8091,
5.5376

■ 36.2593, 28.5488,
25.2050

■ 25.8088, 13.6184,
3.3154

■ 40.3950, 34.6643,
33.2305

■ 25.3327, 13.0415,
1.9998

■ 45.3195, 41.9938,
42.6390

■ 51.0708, 50.5980,
53.4916

■ 57.6847, 60.5336,
65.8456

■ 65.1947, 71.8538,
79.7553

■ 73.6327, 84.6088,
95.2722

■ 78.9867, 91.7191,
108.1483

Harmonies

Analogous

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



30.7614, 19.6902, 27.2767



30.1848, 19.6902, 13.0361



26.2249, 19.6902, 5.9352

Triad

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



30.1848, 19.6902, 13.0361



11.9327, 19.6902, 7.4303



16.9000, 19.6902, 65.4130

Complementary

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



30.1848, 19.6902, 13.0361



34.6299, 49.1740, 56.9604

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.



12.7959, 19.6902, 52.5449



30.1848, 19.6902, 13.0361



10.3129, 19.6902, 16.5004

Square

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



30.1848, 19.6902, 13.0361



15.4886, 19.6902, 3.9321



10.5955, 19.6902, 32.8463



22.3609, 19.6902, 62.9349

Rectangle

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



30.1848, 19.6902, 13.0361



22.5563, 19.6902, 3.9906



10.5955, 19.6902, 32.8463



15.3365, 19.6902, 62.5658

Sweetspot

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



30.1853, 19.6913, 13.0364



76.2384, 71.7794, 73.6426



35.3312, 21.3097, 60.0084



15.7606, 14.5313, 14.7052



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.



30.1853, 19.6913, 13.0364



45.1983, 26.2336, 12.3225



34.4517, 29.1523, 11.5972



11.2630, 11.2339, 11.9193



15.7886, 8.1260, 1.3393



0.8322, 0.4263, 0.1624

Inverse Universe

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



30.1853, 19.6913, 13.0364



45.1983, 26.2336, 12.3225



26.5499, 30.4305, 62.2317



11.2630, 11.2339, 11.9193



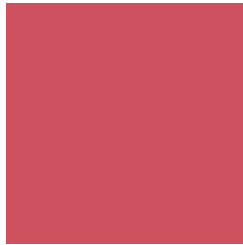
15.7886, 8.1260, 1.3393



0.8322, 0.4263, 0.1624

Previews

White Background



This preview shows how the XYZ color 30.1848, 19.6902, 13.0361 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 30.1848, 19.6902, 13.0361 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 30.1848, 19.6902, 13.0361

Background



This preview shows how black text looks on a background with the XYZ color 30.1848, 19.6902, 13.0361.



This preview shows how white text looks on a background with the XYZ color 30.1848, 19.6902,

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

30.1848, 19.6902, 13.0361

Protanopia

18.9299, 19.9157, 19.0661

Deuteranopia

20.1357, 19.7891, 12.2096



Tritanopia

29.9556, 19.7183, 11.4597

Trichromacy



Original Color

30.1848, 19.6902, 13.0361

Protanomaly

21.5869, 18.7764, 16.6738

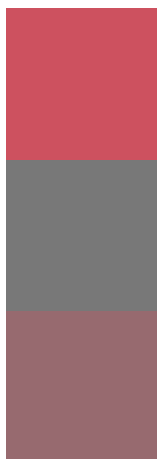
Deuteranomaly

22.8763, 19.0740, 12.3735

Tritanomaly

30.0825, 19.7691, 12.1278

Monochromacy



Original Color

30.1848, 19.6902, 13.0361

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.7858, 18.0351, 17.4245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1848, 19.6902, 13.0361 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(205, 81, 95)` looks like.

```
.text, #text, p{  
    color:rgb(205, 81, 95)  
}
```

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(205, 81, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 81, 95) }
```

Border

The CSS property to change the border of an element to XYZ 30.1848, 19.6902, 13.0361 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(205, 81, 95) }
```


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

```
.border{ border-color:rgb(205, 81, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 81, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 81, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 81, 95);  
box-shadow:4px 4px 4px 4px rgb(205, 81,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1848, 19.6902, 13.0361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 81, 95) }
```

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

```
.background{ background-color: rgb(205, 81,  
95) }
```

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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