

Converting Colors

XYZ(30.9169, 24.3883, 19.0692)

Have a look what the booklet for
XYZ(30.9169, 24.3883, 19.0692)
contains.

XYZ(30.9347, 24.3626, 18.9916)	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(30.9347, 24.3626,
18.9916)**

Conversions

Conversions Part 1

Format	Color
Hex	C17172
RGB	193, 113, 114
RGB Percent	76%, 44%, 45%
CMY	0.2431, 0.5568, 0.5529
CMYK	0.00, 0.41, 0.41, 0.24
HSL	359°, 39%, 60%
HSV	359°, 41%, 76%
XYZ	30.9347, 24.3626, 18.9916
YIQ	137.0340, 47.3590, 17.2710

Conversions

Conversions Part 2

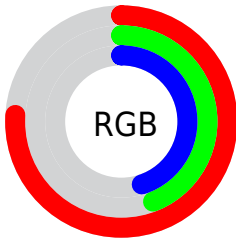
Format	Color
R _Y B	193, 113, 114
Decimal	12677490
CIE Lab	56.45, 31.65, 13.17
CIE LCh	56, 34.281, 22.586
Yxy	24.3626, 0.4164, 0.3279
Android (android.graphics.Color)	4290867570 (0xFFC17172)
YUV	137.0340, -11.3558, 49.0822
Hunter-Lab	49.3585, 25.4949, 11.7380

Details

The XYZ color **30.9347, 24.3626, 18.9916** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.3956, 45.4569, 56.7802**, and the grayscale version is **23.8203, 25.0609, 27.2913**.

A 20% lighter version of the original color is **60.6640, 50.7211, 42.6692**, and **13.0774, 9.2667, 6.2537** is the 20% darker color. If you saturate the color by 10%, you get **28.0317, 20.1157, 13.2177**, and if you desaturate by 10%, it is **34.5229, 29.6180, 26.1096**.

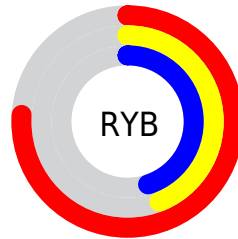
Distribution



Red (76%)

Green (44%)

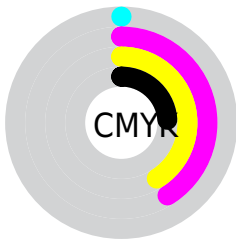
Blue (45%)



Red (76%)

Yellow (44%)

Blue (45%)

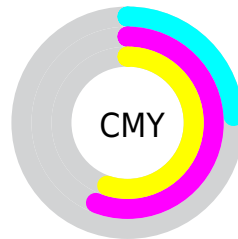


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (24%)



Cyan (24%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9347, 24.3626, 18.9916 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 30.9347, 24.3626, 18.9916 by changing the saturation by 10% instead.


 30.9347, 24.3626,
18.9916


 30.9347, 24.3626,
18.9916


298.0696,
274.6486, 258.8236

 20.7007, 15.6028,
11.4875


 60.5138, 50.6213,
42.5564


 13.0166, 9.2435,
6.2774


 80.5896, 68.8889,
59.4542

 7.5171, 4.9004,
2.9430


 104.6767, 91.0947,
80.3202

 3.8367, 2.1889,
1.0656

 133.1405,
117.6229, 105.5731

 1.6102, 0.7139,
0.0000

166.3464,
148.8580, 135.6313

 0.3990, 0.0000,
0.0000

204.6596,

 0.0000, 0.0000,

185.1844, 170.9134

0.0000

248.4456,
226.9865, 211.8380

■ 30.9347, 24.3626,
18.9916

■ 30.9347, 24.3626,
18.9916

■ 28.0317, 20.1157,
13.2177

■ 34.5229, 29.6180,
26.1096

■ 25.7686, 16.8095,
8.7022

■ 38.8340, 35.9370,
34.6473

■ 24.0976, 14.3735,
5.3519


■ 43.9052, 43.3747,
44.6763


■ 22.9633, 12.7259,
3.0597

■ 49.7708, 51.9816,
56.2631


■ 22.3002, 11.7692,
1.6992

■ 56.4627, 61.8050,
69.4701

 22.0055, 11.3427,
1.0985

 64.0114, 72.8898,
84.3562

 72.4454, 85.2783,
100.9776

 75.8023, 90.0774,
107.9992

Harmonies

Analogous

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



31.5712, 24.3626, 29.4457



30.9347, 24.3626, 18.9916



28.1050, 24.3626, 12.6864

Triad

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



30.9347, 24.3626, 18.9916



17.6117, 24.3626, 15.3470



22.1858, 24.3626, 54.6129

Complementary

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



30.9347, 24.3626, 18.9916



35.3956, 45.4569, 56.7802

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.



18.8248, 24.3626, 47.9296



30.9347, 24.3626, 18.9916



16.3871, 24.3626, 23.8073

Square

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



30.9347, 24.3626, 18.9916



20.3487, 24.3626, 11.0398



16.8044, 24.3626, 35.8302



26.2101, 24.3626, 52.2329

Rectangle

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



30.9347, 24.3626, 18.9916



25.5139, 24.3626, 10.6683



16.8044, 24.3626, 35.8302



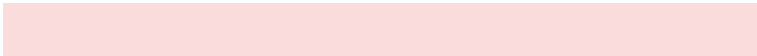
20.9479, 24.3626, 53.2991

Sweetspot

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



30.9353, 24.3638, 18.9921



77.9147, 76.6282, 78.5925



37.1853, 26.8247, 53.6698



16.4451, 16.0429, 16.3266



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.9353, 24.3638, 18.9921



50.5144, 36.4795, 24.2888



36.1479, 34.8791, 20.4515



10.0782, 10.0799, 10.5022



14.6385, 7.5451, 0.7422



0.6343, 0.3267, 0.0415

Inverse Universe

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



30.9353, 24.3638, 18.9921



50.5144, 36.4795, 24.2888



28.0475, 30.5835, 54.8770



10.0782, 10.0799, 10.5022



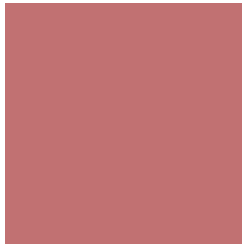
14.6385, 7.5451, 0.7422



0.6343, 0.3267, 0.0415

Previews

White Background



This preview shows how the XYZ color 30.9347, 24.3626, 18.9916 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 30.9347, 24.3626, 18.9916 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 30.9347, 24.3626, 18.9916

Background



This preview shows how black text looks on a background with the XYZ color 30.9347, 24.3626, 18.9916.



This preview shows how white text looks on a background with the XYZ color 30.9347, 24.3626,

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

30.9347, 24.3626, 18.9916

Protanopia

23.3501, 24.4713, 22.8948

Deuteranopia

25.0861, 24.6494, 18.4746



Tritanopia

31.4325, 24.4137, 20.8249

Trichromacy



Original Color

30.9347, 24.3626, 18.9916

Protanomaly

25.5378, 24.0328, 21.3820

Deuteranomaly

26.9269, 24.2431, 18.5894

Tritanomaly

31.3123, 24.3657, 20.1922

Monochromacy



Original Color

30.9347, 24.3626, 18.9916

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.5862, 24.1914, 24.0897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9347, 24.3626, 18.9916 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(193, 113, 114)` looks like.

```
.text, #text, p{  
    color:rgb(193, 113, 114)  
}
```

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(193, 113, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 113, 114) }
```

Border

The CSS property to change the border of an element to XYZ 30.9347, 24.3626, 18.9916 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(193, 113, 114) }
```


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

```
.border{ border-color:rgb(193, 113, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 113, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 113, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 113, 114);  
box-shadow:4px 4px 4px 4px rgb(193, 113,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9347, 24.3626, 18.9916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 113, 114) }
```

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

```
.background{ background-color: rgb(193,  
113, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor