

Converting Colors

XYZ(31.0206, 24.6044, 18.7159)

Have a look what the booklet for
XYZ(31.0206, 24.6044, 18.7159)
contains.

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Color

**XYZ(30.9903, 24.5643,
18.7308)**

Conversions

Conversions Part 1

Format	Color
Hex	C17271
RGB	193, 114, 113
RGB Percent	76%, 45%, 44%
CMY	0.2431, 0.5529, 0.5569
CMYK	0.00, 0.41, 0.41, 0.24
HSL	1°, 39%, 60%
HSV	1°, 41%, 76%
XYZ	30.9903, 24.5643, 18.7308
YIQ	137.5070, 47.4050, 16.4370

Conversions

Conversions Part 2

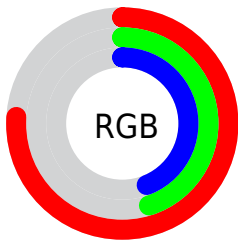
Format	Color
R_{YB}	193, 114, 113
Decimal	12677745
CIE _{Lab}	56.65, 31.00, 14.02
CIE _{LCh}	57, 34.023, 24.343
Yxy	24.5643, 0.4172, 0.3307
Android (android.graphics.Color)	4290867825 (0xFFC17271)
YUV	137.5070, -12.0820, 48.6674
Hunter-Lab	49.5624, 24.8781, 12.2866

Details

The XYZ color **30.9903, 24.5643, 18.7308** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.2846, 45.0585, 57.2897**, and the grayscale version is **24.0023, 25.2523, 27.4997**.

A 20% lighter version of the original color is **60.7551, 51.0495, 42.2487**, and **13.1041, 9.3668, 6.1183** is the 20% darker color. If you saturate the color by 10%, you get **28.0868, 20.3152, 12.9603**, and if you desaturate by 10%, it is **34.5740, 29.8039, 25.8684**.

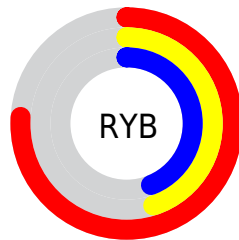
Distribution



Red (76%)

Green (45%)

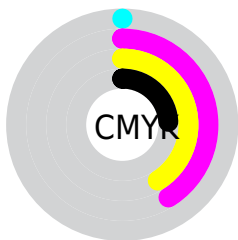
Blue (44%)



Red (76%)

Yellow (45%)

Blue (44%)

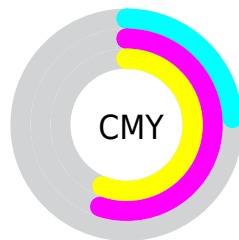


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (24%)



Cyan (24%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9903, 24.5643, 18.7308 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 30.9903, 24.5643, 18.7308 by changing the saturation by 10% instead.

 30.9903, 24.5643,
18.7308

 30.9903, 24.5643,
18.7308


298.3213,
275.6611, 257.3316


 20.7433, 15.7527,
11.3011


 60.6007, 50.9495,
42.1093


 13.0478, 9.3494,
6.1530


 80.6949, 69.2919,
58.8952

 7.5387, 4.9698,
2.8681


 104.8020, 91.5801,
79.6370

 3.8505, 2.2295,
1.0277

 133.2876,
118.1985, 104.7530

 1.6179, 0.7360,
0.0000

166.5170,
149.5313, 134.6620

 0.4041, 0.0000,
0.0000

204.8555,

 0.0000, 0.0000,

185.9631, 169.7824

0.0000

248.6685,
227.8783, 210.5327

■ 30.9903, 24.5643,
18.7308

■ 30.9903, 24.5643,
18.7308

■ 28.0868, 20.3152,
12.9603

■ 34.5740, 29.8039,
25.8684

■ 25.8188, 16.9910,
8.4684

■ 38.8750, 36.0871,
34.4512

■ 24.1392, 14.5239,
5.1582


■ 43.9302, 43.4672,
44.5532

■ 22.9937, 12.8355,
2.9188

■ 49.7733, 51.9933,
56.2428


■ 22.3178, 11.8326,
1.6177

■ 56.4358, 61.7110,
69.5843

 22.0187, 11.3901,
1.0380

 63.9477, 72.6640,
84.6383

 72.3374, 84.8932,
101.4626

 75.8024, 90.0775,
107.9992

Harmonies

Analogous

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



31.7691, 24.5643, 28.9528



30.9903, 24.5643, 18.7308



28.0708, 24.5643, 12.6582

Triad

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



30.9903, 24.5643, 18.7308



17.6940, 24.5643, 15.9468



22.6055, 24.5643, 54.8262

Complementary

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



30.9903, 24.5643, 18.7308



35.2846, 45.0585, 57.2897

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.



19.1864, 24.5643, 48.6513



30.9903, 24.5643, 18.7308



16.5638, 24.5643, 24.6549

Square

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



30.9903, 24.5643, 18.7308



20.3491, 24.5643, 11.3978



17.0777, 24.5643, 36.7736



26.6271, 24.5643, 51.9235

Rectangle

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



30.9903, 24.5643, 18.7308



25.4623, 24.5643, 10.7704



17.0777, 24.5643, 36.7736



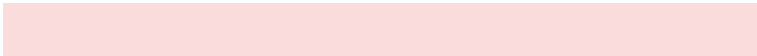
21.3534, 24.5643, 53.7003

Sweetspot

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



30.9909, 24.5655, 18.7313



77.9641, 76.8061, 78.3650



37.5232, 26.9982, 53.6857



16.4566, 16.0844, 16.2736



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.



30.9909, 24.5655, 18.7313



50.6143, 36.8396, 23.8284



36.3644, 35.3124, 20.5224



10.0831, 10.0977, 10.4795



14.6494, 7.5845, 0.6919



0.6365, 0.3348, 0.0311

Inverse Universe

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



35.2846, 45.0585, 57.2897



59.3592, 78.5909, 102.4013



27.8271, 30.1437, 54.8038



10.3574, 11.4060, 12.9405



18.7374, 27.2313, 37.8252



0.8131, 1.1836, 1.6355

Previews

White Background



This preview shows how the XYZ color 30.9903, 24.5643, 18.7308 looks on a white background.

Color Contrast Check

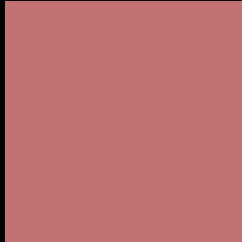
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9903, 24.5643, 18.7308 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 30.9903, 24.5643, 18.7308

Background



This preview shows how black text looks on a background with the XYZ color 30.9903, 24.5643, 18.7308.



This preview shows how white text looks on a background with the XYZ color 30.9903, 24.5643,

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

30.9903, 24.5643, 18.7308

Protanopia

23.5976, 24.8143, 22.6147

Deuteranopia

25.2288, 24.7293, 18.1954



Tritanopia

31.6045, 24.6601, 21.1833

Trichromacy



Original Color

30.9903, 24.5643, 18.7308

Protanomaly

25.8073, 24.3715, 21.1133

Deuteranomaly

26.9974, 24.4729, 18.3397

Tritanomaly

31.4233, 24.5876, 20.2292

Monochromacy



Original Color

30.9903, 24.5643, 18.7308

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.9133, 24.5546, 24.1426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9903, 24.5643, 18.7308 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, 114, 113)` looks like.

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

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, 114, 113) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 30.9903, 24.5643, 18.7308 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, 114, 113) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 30.9903, 24.5643, 18.7308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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