

Converting Colors

XYZ(30.0681, 26.6221, 24.8072)

Have a look what the booklet for
XYZ(30.0681, 26.6221, 24.8072)
contains.

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Color

**XYZ(30.0110, 26.6593,
24.6831)**

Conversions

Conversions Part 1

Format	Color
Hex	B18182
RGB	177, 129, 130
RGB Percent	69%, 51%, 51%
CMY	0.3059, 0.4941, 0.4902
CMYK	0.00, 0.27, 0.27, 0.31
HSL	359°, 24%, 60%
HSV	359°, 27%, 69%
XYZ	30.0110, 26.6593, 24.6831
YIQ	143.4660, 28.2870, 10.4870

Conversions

Conversions Part 2

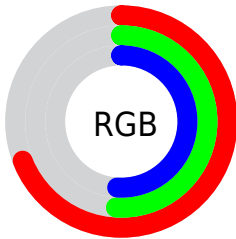
Format	Color
RYB	177, 129, 130
Decimal	11633026
CIELab	58.66, 18.67, 6.77
CIELCh	59, 19.864, 19.932
Yxy	26.6593, 0.3689, 0.3277
Android (android.graphics.Color)	4289823106 (0xFFB18182)
YUV	143.4660, -6.6387, 29.4093
Hunter-Lab	51.6326, 13.3944, 7.7991

Details

The XYZ color **30.0110, 26.6593, 24.6831** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.6130, 39.2467, 46.9328**, and the grayscale version is **26.3132, 27.6835, 30.1473**.

A 20% lighter version of the original color is **59.2069, 54.3672, 52.1731**, and **12.4496, 10.3970, 9.1352** is the 20% darker color. If you saturate the color by 10%, you get **26.8113, 21.9674, 18.3521**, and if you desaturate by 10%, it is **33.8120, 32.2398, 32.1820**.

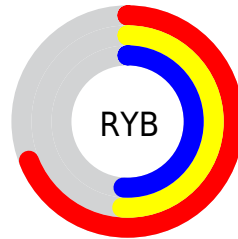
Distribution



Red (69%)

Green (51%)

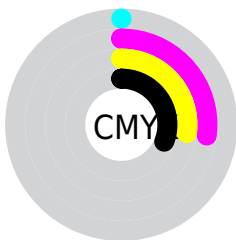
Blue (51%)



Red (69%)

Yellow (51%)

Blue (51%)

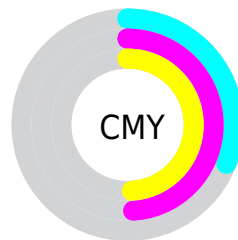


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (31%)



Cyan (31%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0110, 26.6593, 24.6831 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 30.0110, 26.6593, 24.6831 by changing the saturation by 10% instead.


 30.0110, 26.6593,
24.6831


 30.0110, 26.6593,
24.6831


293.8646,
286.0037, 289.6530

 19.9951, 17.3175,
15.6242

 59.0661, 54.3367,
52.1004

 12.4997, 10.4611,
9.1072


 78.8359, 73.4410,
71.2959

 7.1596, 5.7058,
4.7134


 102.5878, 96.5684,
94.7073

 3.6093, 2.6670,
2.0243

130.6870,
124.1031, 122.7533

 1.4836, 0.9605,
0.5702

163.4989,
156.4296, 155.8523

 0.3146, 0.0000,
0.0000

201.3889,

 0.0000, 0.0000,

193.9323, 194.4229

0.0000

244.7224,
236.9955, 238.8837

■ 30.0110, 26.6593,
24.6831

■ 30.0110, 26.6593,
24.6831

■ 26.8113, 21.9674,
18.3521

■ 33.8120, 32.2398,
32.1820

■ 24.1800, 18.1147,
13.1288

■ 38.2407, 38.7475,
40.9016

■ 22.0847, 15.0530,
8.9499

■ 43.3243, 46.2232,
50.8937

■ 20.4884, 12.7273,
5.7453

■ 49.0879, 54.7041,
62.2063

■ 19.3497, 11.0759,
3.4362

■ 55.5553, 64.2256,
74.8851

■ 18.6206, 10.0268,
1.9316

■ 62.7492, 74.8213,
88.9736

■ 18.2345, 9.4770,
1.1172

■ 70.6912, 86.5233,
104.5133

■ 18.1517, 9.3552,
0.9546

■ 71.9416, 88.0872,
107.8185

Harmonies

Analogous

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



30.2454, 26.6593, 31.4407



30.0110, 26.6593, 24.6831



28.4809, 26.6593, 19.9101

Triad

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



30.0110, 26.6593, 24.6831



21.9149, 26.6593, 21.2080



24.5274, 26.6593, 44.3710

Complementary

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



30.0110, 26.6593, 24.6831



32.6130, 39.2467, 46.9328

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.



22.4369, 26.6593, 40.5738



30.0110, 26.6593, 24.6831



20.9940, 26.6593, 26.7409

Square

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



30.0110, 26.6593, 24.6831



23.7727, 26.6593, 18.1382



21.1787, 26.6593, 33.8538



26.9724, 26.6593, 43.5822

Rectangle

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



30.0110, 26.6593, 24.6831



26.9833, 26.6593, 18.1462



21.1787, 26.6593, 33.8538



23.7626, 26.6593, 43.5678

Sweetspot

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



30.0117, 26.6605, 24.6836



67.6253, 68.1278, 71.5569



33.5559, 28.0364, 45.2382



14.3891, 14.3728, 14.9833



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.0117, 26.6605, 24.6836



49.9345, 42.1520, 36.6635



33.2258, 33.1953, 25.4265



8.5033, 8.5080, 8.8827



13.1543, 6.7793, 0.7065



0.4162, 0.2142, 0.0346

Inverse Universe

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



30.0117, 26.6605, 24.6836



49.9345, 42.1520, 36.6635



28.6450, 31.1523, 46.0985



8.5033, 8.5080, 8.8827



13.1543, 6.7793, 0.7065



0.4162, 0.2142, 0.0346

Previews

White Background



This preview shows how the XYZ color 30.0110, 26.6593, 24.6831 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 30.0110, 26.6593, 24.6831 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 30.0110, 26.6593, 24.6831

Background



This preview shows how black text looks on a background with the XYZ color 30.0110, 26.6593, 24.6831.



This preview shows how white text looks on a background with the XYZ color 30.0110, 26.6593,

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

30.0110, 26.6593, 24.6831

Protanopia

25.6459, 26.8471, 27.1229

Deuteranopia

27.2638, 26.6669, 24.4791



Tritanopia

30.6667, 26.7383, 27.5895

Trichromacy



Original Color

30.0110, 26.6593, 24.6831

Protanomaly

27.1534, 26.7806, 26.2923

Deuteranomaly

28.0759, 26.4670, 24.3978

Tritanomaly

30.4524, 26.6526, 26.4611

Monochromacy



Original Color

30.0110, 26.6593, 24.6831

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.1935, 26.9805, 27.8193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0110, 26.6593, 24.6831 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(177, 129, 130)` looks like.

```
.text, #text, p{  
    color:rgb(177, 129, 130)  
}
```

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(177, 129, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 129, 130) }
```

Border

The CSS property to change the border of an element to XYZ 30.0110, 26.6593, 24.6831 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(177, 129, 130) }
```


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

```
.border{ border-color:rgb(177, 129, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 129, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 129, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 129, 130);  
box-shadow:4px 4px 4px 4px rgb(177, 129,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0110, 26.6593, 24.6831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 129, 130) }
```

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

```
.background{ background-color: rgb(177,  
129, 130) }
```

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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