

Converting Colors

XYZ(30.4110, 26.7985, 18.8990)

Have a look what the booklet for
XYZ(30.4110, 26.7985, 18.8990)
contains.

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Color

**XYZ(30.4110, 26.7985,
18.8990)**

Conversions

Conversions Part 1

Format	Color
Hex	B88070
RGB	184, 128, 112
RGB Percent	72%, 50%, 44%
CMY	0.2784, 0.4980, 0.5608
CMYK	0.00, 0.30, 0.39, 0.28
HSL	13°, 34%, 58%
HSV	13°, 39%, 72%
XYZ	30.4110, 26.7985, 18.8990
YIQ	142.9200, 38.5120, 6.8960

Conversions

Conversions Part 2

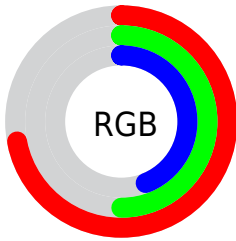
Format	Color
RYB	184, 133, 112
Decimal	12091504
CIELab	58.79, 19.62, 17.38
CIELCh	59, 26.211, 41.534
Yxy	26.7985, 0.3996, 0.3521
Android (android.graphics.Color)	4290281584 (0xFFB88070)
YUV	142.9200, -15.2436, 36.0272
Hunter-Lab	51.7673, 14.2682, 14.5917

Details

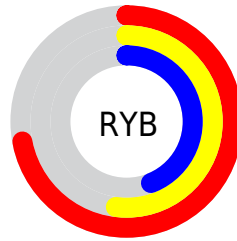
The XYZ color **30.4110, 26.7985, 18.8990** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.3360, 34.9096, 50.5396**, and the grayscale version is **26.1252, 27.4857, 29.9320**.

A 20% lighter version of the original color is **59.8427, 54.6053, 42.5078**, and **12.7031, 10.4861, 6.2050** is the 20% darker color. If you saturate the color by 10%, you get **27.7526, 22.9572, 13.4645**, and if you desaturate by 10%, it is **33.5434, 31.2527, 25.5249**.

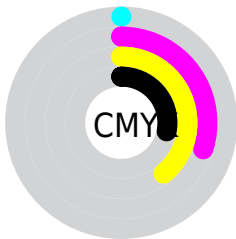
Distribution



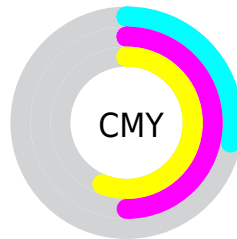
- Red (72%)
- Green (50%)
- Blue (44%)



- Red (72%)
- Yellow (52%)
- Blue (44%)



- Cyan (0%)
- Magenta (30%)
- Yellow (39%)
- Black (28%)



- Cyan (28%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4110, 26.7985, 18.8990 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 30.4110, 26.7985, 18.8990 by changing the saturation by 10% instead.

■ 30.4110, 26.7985,
18.8990

■ 30.4110, 26.7985,
18.8990

295.6911,
286.6802, 258.2947

■ 20.3004, 17.4219,
11.4212

■ 59.6937, 54.5604,
42.3978

■ 12.7231, 10.5358,
6.2332

■ 79.5965, 73.7144,
59.2559

■ 7.3138, 5.7556,
2.9163

■ 103.4941, 96.8965,
80.0779

■ 3.7072, 2.6971,
1.0521

■ 131.7518,
124.4909, 105.2823

■ 1.5379, 0.9757,
0.0000

164.7350,
156.8821, 135.2876

■ 0.3514, 0.0000,
0.0000

202.8091,

■ 0.0000, 0.0000,

194.4545, 170.5124

0.0000

246.3393,
237.5923, 211.3753

■ 30.4110, 26.7985,
18.8990

■ 30.4110, 26.7985,
18.8990

■ 27.7526, 22.9572,
13.4645

■ 33.5434, 31.2527,
25.5249

■ 25.5425, 19.6978,
9.1485

■ 37.1698, 36.3412,
33.4060

■ 23.7551, 16.9925,
5.8727


■ 41.3116, 42.0892,
42.6034


■ 22.3618, 14.8094,
3.5477


■ 45.9881, 48.5193,
53.1737


■ 21.3298, 13.1134,
2.0688


■ 51.2179, 55.6530,
65.1701


 20.6091, 11.8600,
1.2490

 57.0185, 63.5110,
78.6431

 20.5567, 11.7692,
1.1882

 63.4065, 72.1130,
93.6408

 69.7142, 81.2043,
106.6074

 73.5772, 88.9304,
107.8951

Harmonies

Analogous

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



32.0569, 26.7985, 25.7636



30.4110, 26.7985, 18.8990



27.4903, 26.7985, 15.3460

Triad

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



30.4110, 26.7985, 18.8990



20.0206, 26.7985, 23.8980



26.7339, 26.7985, 50.3171

Complementary

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



30.4110, 26.7985, 18.8990



29.3360, 34.9096, 50.5396

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.



23.5535, 26.7985, 49.5207



30.4110, 26.7985, 18.8990



19.8555, 26.7985, 32.8837

Square

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



30.4110, 26.7985, 18.8990



21.5695, 26.7985, 17.7830



21.0975, 26.7985, 42.6397



29.8171, 26.7985, 44.6288

Rectangle

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



30.4110, 26.7985, 18.8990



25.3052, 26.7985, 14.7608



21.0975, 26.7985, 42.6397



25.6379, 26.7985, 50.8264

Sweetspot

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



30.4117, 26.7998, 18.8995



72.4811, 72.9685, 71.8501



32.6668, 24.6210, 40.2723



15.4136, 15.4369, 15.0179



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.4117, 26.7998, 18.8995



50.9084, 42.4893, 25.6108



35.8960, 37.7684, 20.7276



9.1622, 9.3274, 9.4244



14.2120, 8.2003, 0.8338



0.5479, 0.3829, 0.0450

Inverse Universe

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



29.3360, 34.9096, 50.5396



48.6558, 59.2159, 91.0700



23.6397, 23.5170, 48.6408



9.0928, 9.8628, 11.5039



12.7971, 16.0538, 33.6773



0.4936, 0.6509, 1.2014

Previews

White Background



This preview shows how the XYZ color 30.4110, 26.7985, 18.8990 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 30.4110, 26.7985, 18.8990 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 30.4110, 26.7985, 18.8990

Background



This preview shows how black text looks on a background with the XYZ color 30.4110, 26.7985, 18.8990.



This preview shows how white text looks on a background with the XYZ color 30.4110, 26.7985,

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

30.4110, 26.7985, 18.8990

Protanopia

25.3726, 26.8418, 20.9832

Deuteranopia

27.3445, 26.8411, 18.4915



Tritanopia

31.8864, 26.8276, 26.0519

Trichromacy



Original Color

30.4110, 26.7985, 18.8990

Protanomaly

26.8568, 26.5507, 20.2323

Deuteranomaly

28.4904, 26.8070, 18.7116

Tritanomaly

31.2343, 26.7424, 23.2542

Monochromacy



Original Color

30.4110, 26.7985, 18.8990

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.3539, 27.1120, 25.6212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4110, 26.7985, 18.8990 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(184, 128, 112)` looks like.

```
.text, #text, p{  
    color:rgb(184, 128, 112)  
}
```

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(184, 128, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 128, 112) }
```

Border

The CSS property to change the border of an element to XYZ 30.4110, 26.7985, 18.8990 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(184, 128, 112) }
```


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

```
.border{ border-color:rgb(184, 128, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 128, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 128, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 128, 112);  
box-shadow:4px 4px 4px 4px rgb(184, 128,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4110, 26.7985, 18.8990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 128, 112) }
```

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

```
.background{ background-color: rgb(184,  
128, 112) }
```

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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