

Converting Colors

XYZ(29.4017, 26.8687, 18.9661)

Have a look what the booklet for
XYZ(29.4017, 26.8687, 18.9661)
contains.

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Color

**XYZ(29.4010, 26.8674,
18.9656)**

Conversions

Conversions Part 1

Format	Color
Hex	B28370
RGB	178, 131, 112
RGB Percent	70%, 51%, 44%
CMY	0.3020, 0.4863, 0.5608
CMYK	0.00, 0.26, 0.37, 0.30
HSL	17°, 30%, 57%
HSV	17°, 37%, 70%
XYZ	29.4010, 26.8674, 18.9656
YIQ	142.8870, 34.1110, 4.0550

Conversions

Conversions Part 2

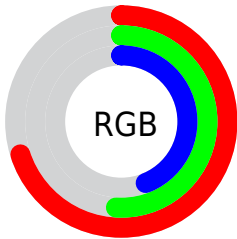
Format	Color
R_{YB}	178, 139, 112
Decimal	11699056
CIE _{Lab}	58.85, 15.52, 17.36
CIE _{LCh}	59, 23.283, 48.209
Yxy	26.8674, 0.3908, 0.3571
Android (android.graphics.Color)	4289889136 (0xFFB28370)
YUV	142.8870, -15.2273, 30.7941
Hunter-Lab	51.8338, 10.5391, 14.5899

Details

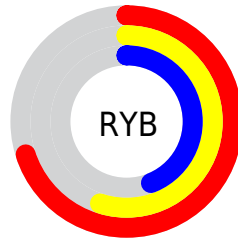
The XYZ color **29.4010, 26.8674, 18.9656** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.1157, 31.4543, 46.7616**, and the grayscale version is **26.1132, 27.4731, 29.9182**.

A 20% lighter version of the original color is **58.1023, 54.6235, 42.6030**, and **12.1800, 10.5401, 6.2430** is the 20% darker color. If you saturate the color by 10%, you get **26.9068, 23.3114, 13.7185**, and if you desaturate by 10%, it is **32.3008, 30.9209, 25.3151**.

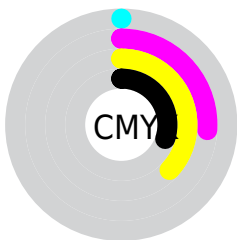
Distribution



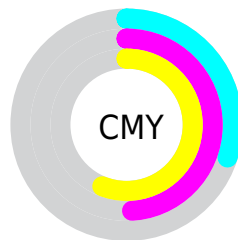
- Red (70%)
- Green (51%)
- Blue (44%)



- Red (70%)
- Yellow (55%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (30%)



- Cyan (30%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4010, 26.8674, 18.9656 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 29.4010, 26.8674, 18.9656 by changing the saturation by 10% instead.

■ 29.4010, 26.8674,
18.9656

■ 29.4010, 26.8674,
18.9656

291.0625,
287.0145, 258.6752

■ 19.5302, 17.4737,
11.4689

■ 58.1068, 54.6710,
42.5119

■ 12.1603, 10.5728,
6.2650

■ 77.6724, 73.8497,
59.3985

■ 6.9259, 5.7803,
2.9355

■ 101.2004, 97.0588,
80.2522

■ 3.4617, 2.7120,
1.0618

■ 129.0560,
124.6827, 105.4915

■ 1.4024, 0.9833,
0.0000

161.6047,
157.1058, 135.5349

■ 0.2579, 0.0000,
0.0000

199.2118,

■ 0.0000, 0.0000,

194.7126, 170.8009

0.0000

242.2426,
237.8874, 211.7082

■ 29.4010, 26.8674,
18.9656

■ 29.4010, 26.8674,
18.9656

■ 26.9068, 23.3114,
13.7185

■ 32.3008, 30.9209,
25.3151

■ 24.7971, 20.2295,
9.5086

■ 35.6218, 35.4864,
32.8239

■ 23.0518, 17.6019,
6.2662


■ 39.3815, 40.5829,
41.5467


■ 21.6479, 15.4059,
3.9123


■ 43.5956, 46.2269,
51.5346


■ 20.5596, 13.6166,
2.3553


■ 48.2789, 52.4343,
62.8353

 19.7527, 12.2046,
1.4640

 53.4458, 59.2203,
75.4945

 19.5550, 11.8547,
1.2575

 59.1097, 66.5997,
89.5552

 65.2839, 74.5866,
105.0589

 69.0859, 82.0366,
106.8012

Harmonies

Analogous

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



31.1566, 26.8674, 24.5799



29.4010, 26.8674, 18.9656



26.6831, 26.8674, 16.3308

Triad

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



29.4010, 26.8674, 18.9656



20.4980, 26.8674, 26.1365



27.3035, 26.8674, 47.0195

Complementary

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



29.4010, 26.8674, 18.9656



27.1157, 31.4543, 46.7616

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.



24.4235, 26.8674, 47.6519



29.4010, 26.8674, 18.9656



20.6367, 26.8674, 34.4860

Square

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



29.4010, 26.8674, 18.9656



21.6324, 26.8674, 19.9202



22.0267, 26.8674, 42.7184



29.8845, 26.8674, 41.1251

Rectangle

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



29.4010, 26.8674, 18.9656



24.7553, 26.8674, 16.2146



22.0267, 26.8674, 42.7184



26.3342, 26.8674, 47.8902

Sweetspot

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



29.4017, 26.8687, 18.9661



68.5141, 69.6754, 68.5648



30.4385, 23.5672, 35.8823



14.9770, 15.1624, 14.7209



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.4017, 26.8687, 18.9661



49.7786, 43.6902, 26.9102



34.5066, 37.0786, 20.6678



8.6891, 8.8907, 8.9106



14.0396, 8.5777, 0.9157



0.4930, 0.3725, 0.0459

Inverse Universe

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



27.1157, 31.4543, 46.7616



45.0442, 53.1181, 84.2599



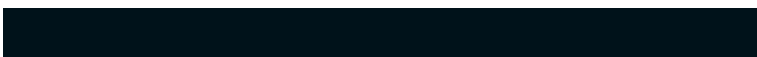
22.2175, 21.6580, 45.1288



8.5318, 9.2098, 10.8343



11.2126, 13.2256, 32.0988



0.3998, 0.5101, 1.0256

Previews

White Background



This preview shows how the XYZ color 29.4010, 26.8674, 18.9656 looks on a white background.

Color Contrast Check

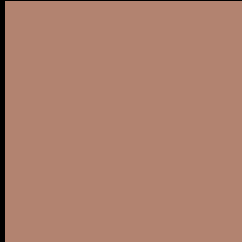
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4010, 26.8674, 18.9656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

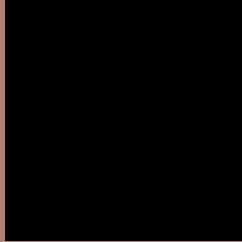
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4010, 26.8674, 18.9656

Background



This preview shows how black text looks on a background with the XYZ color 29.4010, 26.8674, 18.9656.



This preview shows how white text looks on a background with the XYZ color 29.4010, 26.8674,

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

29.4010, 26.8674, 18.9656

Protanopia

25.4616, 27.1144, 20.7213

Deuteranopia

27.3993, 26.8630, 18.7799



Tritanopia

30.9271, 26.6882, 27.1882

Trichromacy



Original Color

29.4010, 26.8674, 18.9656

Protanomaly

26.6802, 26.8883, 20.0034

Deuteranomaly

27.9719, 26.7439, 18.7267

Tritanomaly

30.2059, 26.5806, 23.9606

Monochromacy



Original Color

29.4010, 26.8674, 18.9656

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.1078, 27.1991, 25.6510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4010, 26.8674, 18.9656 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(178, 131, 112)` looks like.

```
.text, #text, p{  
    color:rgb(178, 131, 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(178, 131, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 131, 112) }
```

Border

The CSS property to change the border of an element to XYZ 29.4010, 26.8674, 18.9656 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(178, 131, 112) }
```


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

```
.border{ border-color:rgb(178, 131, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 131, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 131, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 131, 112);  
box-shadow:4px 4px 4px 4px rgb(178, 131,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4010, 26.8674, 18.9656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 131, 112) }
```

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

```
.background{ background-color: rgb(178,  
131, 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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