

Converting Colors

XYZ(27.1758, 30.2748, 11.8084)

Have a look what the booklet for
XYZ(27.1758, 30.2748, 11.8084)
contains.

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Color

**XYZ(27.1758, 30.2748,
11.8084)**

Conversions

Conversions Part 1

Format	Color
Hex	A1974F
RGB	161, 151, 79
RGB Percent	63%, 59%, 31%
CMY	0.3686, 0.4078, 0.6902
CMYK	0.00, 0.06, 0.51, 0.37
HSL	53°, 34%, 47%
HSV	53°, 51%, 63%
XYZ	27.1758, 30.2748, 11.8084
YIQ	145.7820, 29.0720, -20.2720

Conversions

Conversions Part 2

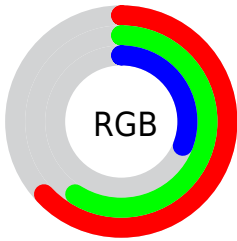
Format	Color
RYB	90, 161, 79
Decimal	10590031
CIELab	61.89, -6.34, 38.92
CIELCh	62, 39.431, 99.252
Yxy	30.2748, 0.3924, 0.4371
Android (android.graphics.Color)	4288780111 (0xFFA1974F)
YUV	145.7820, -32.9235, 13.3462
Hunter-Lab	55.0225, -8.1278, 25.7915

Details

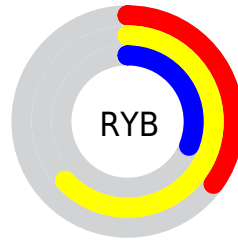
The XYZ color **27.1758, 30.2748, 11.8084** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.2297, 11.3798, 35.2173**, and the grayscale version is **27.3551, 28.7797, 31.3411**.

A 20% lighter version of the original color is **54.4759, 60.0261, 29.8341**, and **10.8549, 12.3339, 3.0369** is the 20% darker color. If you saturate the color by 10%, you get **26.3464, 29.4430, 8.9827**, and if you desaturate by 10%, it is **28.1539, 31.1767, 15.3846**.

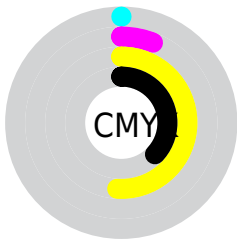
Distribution



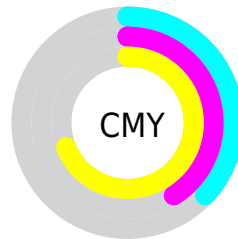
- Red (63%)
- Green (59%)
- Blue (31%)



- Red (35%)
- Yellow (63%)
- Blue (31%)



- Cyan (0%)
- Magenta (6%)
- Yellow (51%)
- Black (37%)





- Cyan (37%)
- Magenta (41%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1758, 30.2748, 11.8084 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 27.1758, 30.2748, 11.8084 by changing the saturation by 10% instead.


 27.1758, 30.2748,
11.8084


 27.1758, 30.2748,
11.8084


280.6594,
303.1833, 214.0654


 17.8426, 20.0473,
6.4924


 54.5837, 60.0965,
29.8048


 10.9360, 12.4294,
3.0731


 73.3892, 80.4594,
43.3223


 6.0908, 7.0368,
1.1321


 96.0827, 104.9696,
60.4107

 2.9416, 3.4851,
0.0000

 123.0297,
134.0115, 81.4886

 1.1229, 1.3900,
0.0000

 154.5955,
167.9694, 106.9745

 0.0442, 0.2093,
0.0000

191.1455,

 0.0000, 0.0000,

207.2277, 137.2868

0.0000

233.0450,
252.1709, 172.8443

■ 27.1758, 30.2748,
11.8084

■ 27.1758, 30.2748,
11.8084

■ 26.3464, 29.4430,
8.9827

■ 28.1539, 31.1767,
15.3846

■ 25.6530, 28.6728,
6.8508

■ 29.2878, 32.1484,
19.7589

■ 25.0845, 27.9609,
5.3507

■ 30.5870, 33.1946,
24.9770

■ 24.6269, 27.3017,
4.4090

■ 32.0594, 34.3186,
31.0809

■ 24.2780, 26.7374,
3.8812

■ 33.7124, 35.5235,
38.1095

■ 35.5530, 36.8120,
46.0995

■ 37.5879, 38.1869,
55.0857

■ 39.8233, 39.6506,
65.1010

■ 42.2651, 41.2057,
76.1768

Harmonies

Analogous

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



32.5185, 30.2748, 12.5841



27.1758, 30.2748, 11.8084



22.8251, 30.2748, 15.2041

Triad

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



27.1758, 30.2748, 11.8084



21.6166, 30.2748, 54.9609



39.3359, 30.2748, 44.3575

Complementary

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



27.1758, 30.2748, 11.8084



13.2297, 11.3798, 35.2173

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.



35.6789, 30.2748, 60.9487



27.1758, 30.2748, 11.8084



25.3310, 30.2748, 68.2553

Square

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



27.1758, 30.2748, 11.8084



19.8837, 30.2748, 37.8564



30.4363, 30.2748, 70.7301



39.9868, 30.2748, 28.5126

Rectangle

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



27.1758, 30.2748, 11.8084



20.9118, 30.2748, 20.2359



30.4363, 30.2748, 70.7301



38.3978, 30.2748, 50.1493

Sweetspot

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



27.1765, 30.2762, 11.8090



56.2297, 60.5688, 50.7074



19.3367, 13.9063, 11.3234



12.2184, 13.1968, 10.6506



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.1765, 30.2762, 11.8090



47.0209, 52.5568, 15.5592



23.5060, 30.8741, 12.1179



7.5754, 8.0892, 7.5422



19.4102, 21.3942, 3.1065



0.4272, 0.4882, 0.0717

Inverse Universe

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



13.2297, 11.3798, 35.2173



19.2452, 14.9494, 62.2577



15.5441, 11.4209, 35.1032



6.7668, 6.9926, 8.8961



5.3496, 2.4787, 27.1263



0.1316, 0.0904, 0.5764

Previews

White Background



This preview shows how the XYZ color 27.1758, 30.2748, 11.8084 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 27.1758, 30.2748, 11.8084 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 ✓ Pass

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

XYZ 27.1758, 30.2748, 11.8084

Background



This preview shows how black text looks on a background with the XYZ color 27.1758, 30.2748, 11.8084.



This preview shows how white text looks on a background with the XYZ color 27.1758, 30.2748,

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

27.1758, 30.2748, 11.8084

Protanopia

27.8347, 30.3765, 11.7933

Deuteranopia

30.8361, 30.3063, 12.0090



Tritanopia

31.8036, 30.3028, 34.7447

Trichromacy



Original Color

27.1758, 30.2748, 11.8084

Protanomaly

27.6275, 30.2697, 11.7837

Deuteranomaly

29.4060, 30.2509, 11.8786

Tritanomaly

29.6267, 30.0894, 24.3250

Monochromacy



Original Color

27.1758, 30.2748, 11.8084

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8653, 29.1643, 22.6257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1758, 30.2748, 11.8084 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(161, 151, 79)` looks like.

```
.text, #text, p{  
    color:rgb(161, 151, 79)  
}
```

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(161, 151, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 151, 79) }
```

Border

The CSS property to change the border of an element to XYZ 27.1758, 30.2748, 11.8084 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(161, 151, 79) }
```


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

```
.border{ border-color:rgb(161, 151, 79) }
```

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

Here you see how a box with a 4 pixel rgb(161, 151, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 151, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 151, 79);  
box-shadow:4px 4px 4px 4px rgb(161, 151,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1758, 30.2748, 11.8084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 151, 79) }
```

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

```
.background{ background-color: rgb(161,  
151, 79) }
```

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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