

Converting Colors

XYZ(29.5690, 30.3723, 26.8524)

Have a look what the booklet for
XYZ(29.5690, 30.3723, 26.8524)
contains.

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Color

**XYZ(29.5909, 30.4781,
26.8775)**

Conversions

Conversions Part 1

Format	Color
Hex	A19486
RGB	161, 148, 134
RGB Percent	63%, 58%, 53%
CMY	0.3686, 0.4196, 0.4745
CMYK	0.00, 0.08, 0.17, 0.37
HSL	31°, 13%, 58%
HSV	31°, 17%, 63%
XYZ	29.5909, 30.4781, 26.8775
YIQ	150.2910, 12.2420, -1.5980

Conversions

Conversions Part 2

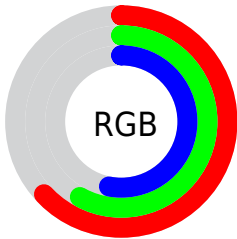
Format	Color
RYB	159, 161, 134
Decimal	10589318
CIELab	62.06, 2.39, 9.13
CIELCh	62, 9.442, 75.321
Yxy	30.4781, 0.3403, 0.3505
Android (android.graphics.Color)	4288779398 (0xFFA19486)
YUV	150.2910, -8.0315, 9.3918
Hunter-Lab	55.2070, -0.9363, 9.7796

Details

The XYZ color **29.5909, 30.4781, 26.8775** is a light color, and the websafe version is hex **999999**. A complement of this color would be **26.6981, 28.5083, 37.8139**, and the grayscale version is **29.1431, 30.6608, 33.3896**.

A 20% lighter version of the original color is **58.4091, 60.4278, 55.5990**, and **12.1816, 12.4407, 10.1468** is the 20% darker color. If you saturate the color by 10%, you get **27.3774, 27.7133, 21.0150**, and if you desaturate by 10%, it is **32.0584, 33.4768, 33.6689**.

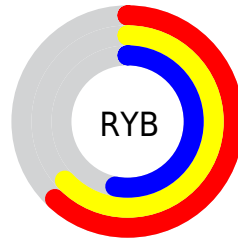
Distribution



Red (63%)

Green (58%)

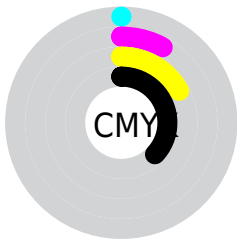
Blue (53%)



Red (62%)

Yellow (63%)

Blue (53%)

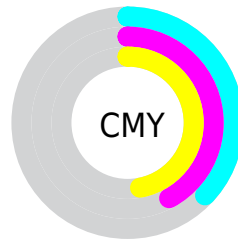


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (37%)



Cyan (37%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5909, 30.4781, 26.8775 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 29.5909, 30.4781, 26.8775 by changing the saturation by 10% instead.

■ 29.5909, 30.4781,
26.8775

■ 29.5909, 30.4781,
26.8775

291.9370,
304.1267, 300.8049

■ 19.6748, 20.2018,
17.2496

■ 58.4057, 60.4174,
55.6886

■ 12.2658, 12.5418,
10.2488

■ 78.0351, 80.8492,
75.7089

■ 6.9984, 7.1138,
5.4565

■ 101.6330,
105.4350, 100.0303

■ 3.5074, 3.5334,
2.4541

129.5647,
134.5591, 129.0716

■ 1.4274, 1.4161,
0.8157

162.1956,
168.6059, 163.2511

■ 0.2756, 0.2286,
0.0000

199.8911,

■ 0.0000, 0.0000,

207.9598, 202.9875

0.0000

243.0164,
253.0053, 248.6992

■ 29.5909, 30.4781,
26.8775

■ 29.5909, 30.4781,
26.8775

■ 27.3774, 27.7133,
21.0150

■ 32.0584, 33.4768,
33.6689

■ 25.4063, 25.1721,
16.0384

■ 34.7863, 36.7114,
41.4258

■ 23.6683, 22.8493,
11.9040

■ 37.7836, 40.1888,
50.1852

■ 22.1528, 20.7379,
8.5638

■ 41.0583, 43.9145,
59.9814

■ 20.8481, 18.8305,
5.9647

■ 44.6179, 47.8940,
70.8474

■ 19.7411, 17.1189,
4.0473

■ 48.4696, 52.1322,
82.8144

■ 18.8171, 15.5942,
2.7424

■ 52.6205, 56.6341,
95.9124

■ 18.0547, 14.2449,
1.9473

■ 55.7954, 60.8919,
103.4203

■ 17.8298, 13.8406,
1.7318

■ 57.7555, 64.8120,
104.0737

Harmonies

Analogous

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



30.7173, 30.4781, 28.4630



29.5909, 30.4781, 26.8775



28.3290, 30.4781, 26.8951

Triad

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



29.5909, 30.4781, 26.8775



26.6796, 30.4781, 35.0652



30.7373, 30.4781, 38.3424

Complementary

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



29.5909, 30.4781, 26.8775



26.6981, 28.5083, 37.8139

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.



29.6176, 30.4781, 40.3873



29.5909, 30.4781, 26.8775



27.2874, 30.4781, 38.4033

Square

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



29.5909, 30.4781, 26.8775



26.6729, 30.4781, 31.4469



28.3549, 30.4781, 40.4104



31.3922, 30.4781, 34.9870

Rectangle

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



29.5909, 30.4781, 26.8775



27.5814, 30.4781, 27.8069



28.3549, 30.4781, 40.4104



30.4014, 30.4781, 39.2164

Sweetspot

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



29.5917, 30.4795, 26.8781



58.1993, 60.8947, 62.5034



28.4937, 26.7358, 31.2834



12.6960, 13.2739, 13.5169



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.



29.5917, 30.4795, 26.8781



51.5148, 52.7524, 44.1622



31.6556, 34.7416, 27.5920



7.3634, 7.6652, 7.4715



14.2811, 11.1361, 1.3968



0.3471, 0.3281, 0.0450

Inverse Universe

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



26.6981, 28.5083, 37.8139



45.3741, 48.5695, 67.3699



24.8619, 24.7292, 37.1813



6.9686, 7.3962, 8.9634



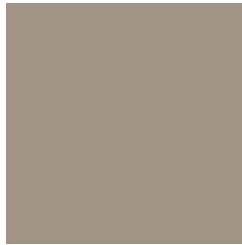
7.3259, 6.4312, 27.7850



0.2012, 0.2297, 0.5996

Previews

White Background



This preview shows how the XYZ color 29.5909, 30.4781, 26.8775 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 29.5909, 30.4781, 26.8775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

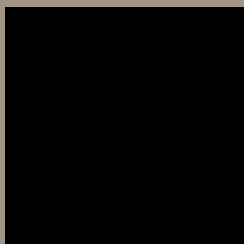
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

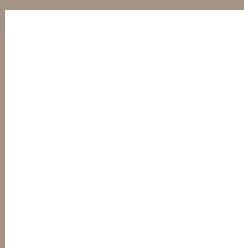
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5909, 30.4781, 26.8775

Background



This preview shows how black text looks on a background with the XYZ color 29.5909, 30.4781, 26.8775.



This preview shows how white text looks on a background with the XYZ color 29.5909, 30.4781,

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

29.5909, 30.4781, 26.8775

Protanopia

28.9898, 30.6299, 27.3059

Deuteranopia

31.0761, 30.5461, 27.1798



Tritanopia

31.4360, 30.5436, 35.6911

Trichromacy



Original Color

29.5909, 30.4781, 26.8775

Protanomaly

29.2212, 30.5133, 27.2712

Deuteranomaly

30.5884, 30.5225, 27.2009

Tritanomaly

30.7284, 30.4824, 32.2811

Monochromacy



Original Color

29.5909, 30.4781, 26.8775

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.1079, 30.3785, 30.7150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5909, 30.4781, 26.8775 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, 148, 134)` looks like.

```
.text, #text, p{  
    color:rgb(161, 148, 134)  
}
```

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, 148, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 148, 134) }
```

Border

The CSS property to change the border of an element to XYZ 29.5909, 30.4781, 26.8775 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, 148, 134) }
```


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

```
.border{ border-color:rgb(161, 148, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 148, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 148, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 148, 134);  
box-shadow:4px 4px 4px 4px rgb(161, 148,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5909, 30.4781, 26.8775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 148, 134) }
```

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

```
.background{ background-color: rgb(161,  
148, 134) }
```

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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