

Converting Colors

XYZ(29.5002, 30.2074, 28.4705)

Have a look what the booklet for
XYZ(29.5002, 30.2074, 28.4705)
contains.

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Color

**XYZ(29.5184, 30.1760,
28.3135)**

Conversions

Conversions Part 1

Format	Color
Hex	A0938A
RGB	160, 147, 138
RGB Percent	63%, 58%, 54%
CMY	0.3725, 0.4235, 0.4588
CMYK	0.00, 0.08, 0.14, 0.37
HSL	25°, 10%, 58%
HSV	25°, 14%, 63%
XYZ	29.5184, 30.1760, 28.3135
YIQ	149.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

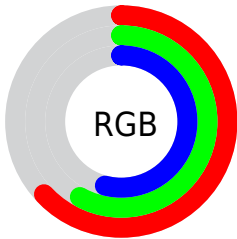
Format	Color
RYB	160, 153, 138
Decimal	10523530
CIELab	61.81, 3.23, 6.49
CIELCh	62, 7.252, 63.540
Yxy	30.1760, 0.3354, 0.3429
Android (android.graphics.Color)	4288713610 (0xFFA0938A)
YUV	149.8610, -5.8475, 8.8919
Hunter-Lab	54.9327, -0.2142, 7.8935

Details

The XYZ color **29.5184, 30.1760, 28.3135** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.8929, 30.0740, 37.5928**, and the grayscale version is **28.9520, 30.4598, 33.1707**.

A 20% lighter version of the original color is **58.3149, 59.9819, 57.7944**, and **12.1287, 12.2585, 10.9594** is the 20% darker color. If you saturate the color by 10%, you get **27.0345, 26.9274, 22.1853**, and if you desaturate by 10%, it is **32.2954, 33.7372, 35.3821**.

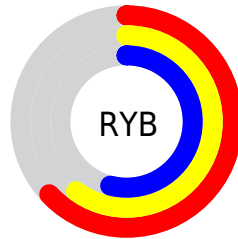
Distribution



Red (63%)

Green (58%)

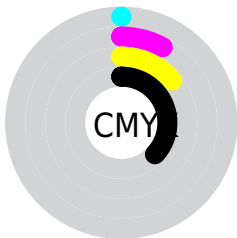
Blue (54%)



Red (63%)

Yellow (60%)

Blue (54%)

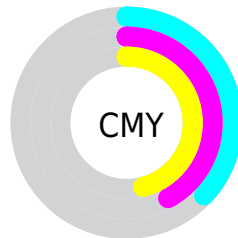


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (37%)



Cyan (37%)

Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5184, 30.1760, 28.3135 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 29.5184, 30.1760, 28.3135 by changing the saturation by 10% instead.

■ 29.5184, 30.1760,
28.3135

■ 29.5184, 30.1760,
28.3135

291.6034,
302.7240, 307.9209

■ 19.6196, 19.9722,
18.3210

■ 58.2916, 59.9404,
58.0137

■ 12.2255, 12.3748,
11.0089

■ 77.8967, 80.2698,
78.5585

■ 6.9707, 6.9995,
5.9586

■ 101.4679,
104.7432, 103.4578

■ 3.4900, 3.4618,
2.7515

129.3706,
133.7450, 133.1301

■ 1.4178, 1.3773,
0.9692

161.9701,
167.6596, 167.9941

■ 0.2689, 0.1999,
0.0000

199.6319,

■ 0.0000, 0.0000,

206.8713, 208.4681

0.0000

242.7212,
251.7647, 254.9709

■ 29.5184, 30.1760,
28.3135

■ 29.5184, 30.1760,
28.3135

■ 27.0345, 26.9274,
22.1853

■ 32.2954, 33.7372,
35.3821

■ 24.8310, 23.9785,
16.9555

■ 35.3728, 37.6153,
43.4270

■ 22.8977, 21.3215,
12.5817

■ 38.7608, 41.8197,
52.4842

■ 21.2228, 18.9468,
9.0172

■ 42.4682, 46.3580,
62.5877

■ 19.7935, 16.8440,
6.2111

■ 46.5035, 51.2379,
73.7696

■ 18.5959, 15.0021,
4.1061

■ 50.8749, 56.4664,
86.0608

■ 17.6141, 13.4089,
2.6371

■ 55.5903, 62.0505,
99.4909

■ 16.8299, 12.0511,
1.7262

■ 58.8346, 67.2681,
104.4909

■ 16.4151, 11.3092,
1.3177

■ 61.4254, 72.4497,
105.3545

Harmonies

Analogous

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



30.2602, 30.1760, 29.9996



29.5184, 30.1760, 28.3135



28.5667, 30.1760, 27.8201

Triad

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



29.5184, 30.1760, 28.3135



26.8642, 30.1760, 33.1866



29.7217, 30.1760, 37.5008

Complementary

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



29.5184, 30.1760, 28.3135



27.8929, 30.0740, 37.5928

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.



28.7964, 30.1760, 38.4668



29.5184, 30.1760, 28.3135



27.1584, 30.1760, 35.8893

Square

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



29.5184, 30.1760, 28.3135



27.0478, 30.1760, 30.5391



27.8603, 30.1760, 37.8613



30.3794, 30.1760, 35.2884

Rectangle

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



29.5184, 30.1760, 28.3135



27.9447, 30.1760, 28.2097



27.8603, 30.1760, 37.8613



29.4309, 30.1760, 37.9876

Sweetspot

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



29.5192, 30.1773, 28.3141



58.4650, 61.0358, 63.7953



29.1883, 27.8918, 33.2091



12.7392, 13.2804, 13.7773



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.



29.5192, 30.1773, 28.3141



52.3938, 53.2299, 48.4028



31.2778, 33.6945, 28.9003



6.8448, 7.0697, 6.9895



12.8283, 8.8922, 1.0402



0.2699, 0.2400, 0.0321

Inverse Universe

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



27.8929, 30.0740, 37.5928



48.9520, 53.0108, 68.0386



26.2341, 26.7564, 37.0399



6.5940, 7.0538, 8.4207



8.1413, 8.3742, 27.0945



0.1865, 0.2316, 0.4981

Previews

White Background



This preview shows how the XYZ color 29.5184, 30.1760, 28.3135 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 29.5184, 30.1760, 28.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

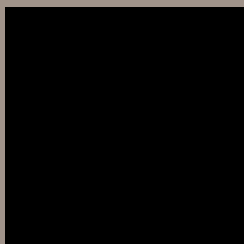
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.5184, 30.1760, 28.3135

Background



This preview shows how black text looks on a background with the XYZ color 29.5184, 30.1760, 28.3135.



This preview shows how white text looks on a background with the XYZ color 29.5184, 30.1760,

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

29.5184, 30.1760, 28.3135

Protanopia

28.7341, 30.2290, 28.7464

Deuteranopia

30.7819, 30.1354, 28.6204



Tritanopia

30.8743, 30.0282, 35.6213

Trichromacy



Original Color

29.5184, 30.1760, 28.3135

Protanomaly

28.9604, 30.1118, 28.7119

Deuteranomaly

30.3026, 30.1142, 28.6416

Tritanomaly

30.2482, 29.9978, 32.6297

Monochromacy



Original Color

29.5184, 30.1760, 28.3135

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.2622, 30.4402, 31.5274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5184, 30.1760, 28.3135 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(160, 147, 138)` looks like.

```
.text, #text, p{  
    color:rgb(160, 147, 138)  
}
```

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(160, 147, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 147, 138) }
```

Border

The CSS property to change the border of an element to XYZ 29.5184, 30.1760, 28.3135 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(160, 147, 138) }
```


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

```
.border{ border-color:rgb(160, 147, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 147, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 147, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 147, 138);  
box-shadow:4px 4px 4px 4px rgb(160, 147,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5184, 30.1760, 28.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 147, 138) }
```

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

```
.background{ background-color: rgb(160,  
147, 138) }
```

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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