

Converting Colors

XYZ(27.9725, 29.5911, 30.6215)

Have a look what the booklet for
XYZ(27.9725, 29.5911, 30.6215)
contains.

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Color

**XYZ(28.0184, 29.5830,
30.6189)**

Conversions

Conversions Part 1

Format	Color
Hex	959490
RGB	149, 148, 144
RGB Percent	58%, 58%, 56%
CMY	0.4157, 0.4196, 0.4353
CMYK	0.00, 0.01, 0.03, 0.42
HSL	48°, 2%, 57%
HSV	48°, 3%, 58%
XYZ	28.0184, 29.5830, 30.6189
YIQ	147.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

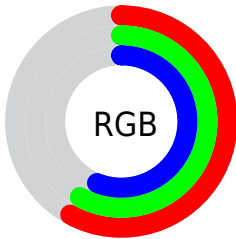
Format	Color
RYB	145, 149, 144
Decimal	9802896
CIELab	61.29, -0.39, 2.23
CIELCh	61, 2.267, 99.980
Yxy	29.5830, 0.3176, 0.3353
Android (android.graphics.Color)	4287992976 (0xFF959490)
YUV	147.8430, -1.8946, 1.0147
Hunter-Lab	54.3903, -3.2311, 4.6960

Details

The XYZ color **28.0184, 29.5830, 30.6189** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.0518, 28.3497, 32.4805**, and the grayscale version is **28.0907, 29.5536, 32.1839**.

A 20% lighter version of the original color is **55.9422, 59.0148, 61.8686**, and **11.3321, 11.9542, 12.2998** is the 20% darker color. If you saturate the color by 10%, you get **26.4940, 28.2378, 24.8581**, and if you desaturate by 10%, it is **29.7068, 31.0149, 37.1767**.

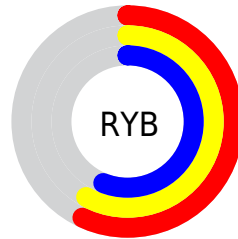
Distribution



Red (58%)

Green (58%)

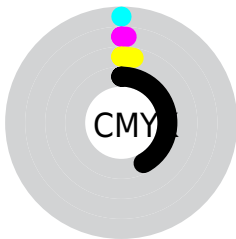
Blue (56%)



Red (57%)

Yellow (58%)

Blue (56%)

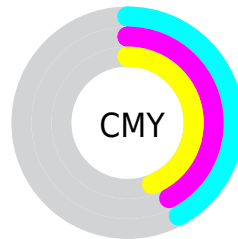


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0184, 29.5830, 30.6189 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 28.0184, 29.5830, 30.6189 by changing the saturation by 10% instead.

■ 28.0184, 29.5830,
30.6189

■ 28.0184, 29.5830,
30.6189

284.6333,
299.9559, 319.0754

■ 18.4801, 19.5223,
20.0528

■ 55.9223, 59.0021,
61.7121

■ 11.3970, 12.0483,
12.2490

■ 75.0185, 79.1293,
83.0763

■ 6.4038, 6.7766,
6.7889

98.0314, 103.3807,
108.8769

■ 3.1351, 3.3228,
3.2540

125.3263,
132.1408, 139.5325

■ 1.2256, 1.3025,
1.2257

157.2686,
165.7940, 175.4616

■ 0.1264, 0.1431,
0.0000

194.2236,

■ 0.0000, 0.0000,

204.7246, 217.0827

0.0000

236.5567,
249.3171, 264.8145

■ 28.0184, 29.5830,
30.6189

■ 28.0184, 29.5830,
30.6189

■ 26.4940, 28.2378,
24.8581

■ 29.7068, 31.0149,
37.1767

■ 25.1252, 26.9728,
19.8616

■ 31.5623, 32.5320,
44.5587

■ 23.9064, 25.7867,
15.5972

■ 33.5910, 34.1378,
52.7932

■ 22.8309, 24.6768,
12.0298

■ 35.7981, 35.8345,
61.9064

■ 21.8915, 23.6397,
9.1211

■ 38.1885, 37.6243,
71.9238

■ 21.0800, 22.6723,
6.8296

■ 40.7667, 39.5090,
82.8694

■ 20.3876, 21.7708,
5.1085

■ 43.5373, 41.4907,
94.7665

■ 19.8040, 20.9310,
3.9048

■ 45.1556, 43.0315,
100.5337

■ 19.3171, 20.1479,
3.1551

■ 45.7267, 44.1737,
100.7241

Harmonies

Analogous

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



28.3147, 29.5830, 30.6909



28.0184, 29.5830, 30.6189



27.7506, 29.5830, 30.9676

Triad

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



28.0184, 29.5830, 30.6189



27.6802, 29.5830, 33.2786



28.6605, 29.5830, 32.7769

Complementary

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



28.0184, 29.5830, 30.6189



27.0518, 28.3497, 32.4805

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.



28.4882, 29.5830, 33.4869



28.0184, 29.5830, 30.6189



27.9217, 29.5830, 33.7801

Square

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



28.0184, 29.5830, 30.6189



27.5563, 29.5830, 32.4966



28.2173, 29.5830, 33.8571



28.6868, 29.5830, 31.9268

Rectangle

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



28.0184, 29.5830, 30.6189



27.6237, 29.5830, 31.3954



28.2173, 29.5830, 33.8571



28.6177, 29.5830, 33.0403

Sweetspot

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



28.0192, 29.5843, 30.6195



50.8575, 53.5655, 57.4477



27.4790, 28.3809, 30.8182



11.2749, 11.8744, 12.7474



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



28.0192, 29.5843, 30.6195



49.9703, 52.8009, 54.0390



27.9044, 29.7584, 30.6592



6.3302, 6.6923, 6.7943



16.0327, 16.5798, 2.3552



0.2163, 0.2431, 0.0355

Inverse Universe

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



27.0518, 28.3497, 32.4805



47.8732, 50.1245, 58.0731



27.1639, 28.1822, 32.4422



6.0310, 6.3105, 7.3699



4.9685, 2.6318, 24.1772



0.0780, 0.0665, 0.3016

Previews

White Background



This preview shows how the XYZ color 28.0184, 29.5830, 30.6189 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 28.0184, 29.5830, 30.6189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

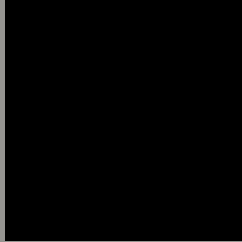
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0184, 29.5830, 30.6189

Background



This preview shows how black text looks on a background with the XYZ color 28.0184, 29.5830, 30.6189.



This preview shows how white text looks on a background with the XYZ color 28.0184, 29.5830,

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

28.0184, 29.5830, 30.6189

Protanopia

28.2303, 29.4604, 30.5841

Deuteranopia

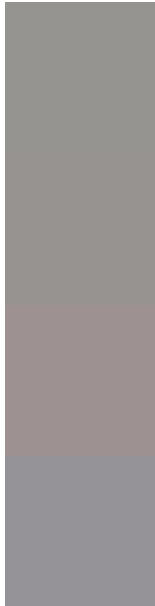
30.0376, 29.4758, 30.8943



Tritanopia

29.1272, 29.5714, 36.0710

Trichromacy



Original Color

28.0184, 29.5830, 30.6189

Protanomaly

28.0454, 29.3651, 30.5754

Deuteranomaly

29.3368, 29.5642, 30.9483

Tritanomaly

28.6789, 29.6185, 33.9112

Monochromacy



Original Color

28.0184, 29.5830, 30.6189

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0691, 29.5823, 31.8343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0184, 29.5830, 30.6189 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(149, 148, 144) looks like.

```
.text, #text, p{  
    color:rgb(149, 148, 144)  
}
```

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(149, 148, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 148, 144) }
```

Border

The CSS property to change the border of an element to XYZ 28.0184, 29.5830, 30.6189 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(149, 148, 144) }
```


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

```
.border{ border-color:rgb(149, 148, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 148, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 148, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 148, 144);  
box-shadow:4px 4px 4px 4px rgb(149, 148,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0184, 29.5830, 30.6189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 148, 144) }
```

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

```
.background{ background-color: rgb(149,  
148, 144) }
```

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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