

Converting Colors

XYZ(30.0450, 29.9258, 30.5994)

Have a look what the booklet for
XYZ(30.0450, 29.9258, 30.5994)
contains.

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Color

**XYZ(30.0597, 29.9458,
30.5814)**

Conversions

Conversions Part 1

Format	Color
Hex	A29190
RGB	162, 145, 144
RGB Percent	64%, 57%, 56%
CMY	0.3647, 0.4314, 0.4353
CMYK	0.00, 0.10, 0.11, 0.36
HSL	3°, 9%, 60%
HSV	3°, 11%, 64%
XYZ	30.0597, 29.9458, 30.5814
YIQ	149.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

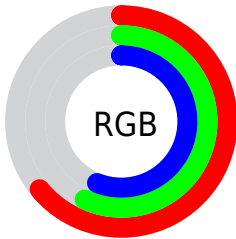
Format	Color
RYB	162, 145, 144
Decimal	10654096
CIELab	61.61, 6.14, 2.83
CIELCh	62, 6.763, 24.724
Yxy	29.9458, 0.3318, 0.3306
Android (android.graphics.Color)	4288844176 (0xFFA29190)
YUV	149.9690, -2.9427, 10.5512
Hunter-Lab	54.7228, 2.2868, 5.1722

Details

The XYZ color **30.0597, 29.9458, 30.5814** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7679, 34.0269, 39.1288**, and the grayscale version is **28.9859, 30.4955, 33.2096**.

A 20% lighter version of the original color is **59.2317, 59.6758, 61.8228**, and **12.5430, 12.3076, 12.3042** is the 20% darker color. If you saturate the color by 10%, you get **26.7273, 25.1221, 23.7939**, and if you desaturate by 10%, it is **33.8863, 35.4728, 38.4110**.

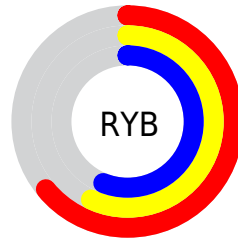
Distribution



Red (64%)

Green (57%)

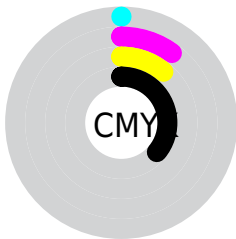
Blue (56%)



Red (64%)

Yellow (57%)

Blue (56%)

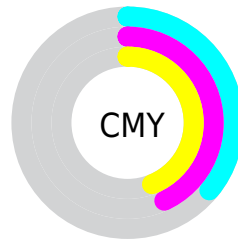


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (36%)



Cyan (36%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0597, 29.9458, 30.5814 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 30.0597, 29.9458, 30.5814 by changing the saturation by 10% instead.

■ 30.0597, 29.9458,
30.5814

■ 30.0597, 29.9458,
30.5814

294.0875,
301.6517, 318.8964

■ 20.0322, 19.7975,
20.0245

■ 59.1426, 59.5765,
61.6523

■ 12.5269, 12.2479,
12.2286

■ 78.9286, 79.8275,
83.0033

■ 7.1783, 6.9127,
6.7751

102.6983,
104.2150, 108.7895

■ 3.6212, 3.4076,
3.2456

130.8168,
133.1232, 139.4294

■ 1.4901, 1.3480,
1.2214

163.6497,
166.9366, 175.3415

■ 0.3191, 0.1780,
0.0000

201.5622,

■ 0.0000, 0.0000,

206.0396, 216.9443

0.0000

244.9196,
250.8165, 264.6564

■ 30.0597, 29.9458,
30.5814

■ 30.0597, 29.9458,
30.5814

■ 26.7273, 25.1221,
23.7939

■ 33.8863, 35.4728,
38.4110

■ 23.8664, 20.9696,
18.0027

■ 38.2234, 41.7255,
47.3220

■ 21.4567, 17.4599,
13.1615

■ 43.0898, 48.7303,
57.3540

■ 19.4749, 14.5608,
9.2196

■ 48.5024, 56.5109,
68.5441

■ 17.8961, 12.2374,
6.1216

■ 54.4775, 65.0903,
80.9276

■ 16.6926, 10.4513,
3.8058

■ 61.0306, 74.4903,
94.5383

■ 15.8331, 9.1595,
2.2024

■ 67.7877, 84.5761,
107.3598

■ 15.2814, 8.3122,
1.2289

■ 68.7104, 86.4214,
107.6673

■ 14.9984, 7.8774,
0.7300

Harmonies

Analogous

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



30.2165, 29.9458, 33.0627



30.0597, 29.9458, 30.5814



29.4713, 29.9458, 28.7338

Triad

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



30.0597, 29.9458, 30.5814



27.0763, 29.9458, 29.8330



28.3041, 29.9458, 37.7811

Complementary

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



30.0597, 29.9458, 30.5814



30.7679, 34.0269, 39.1288

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.



27.4772, 29.9458, 36.8111



30.0597, 29.9458, 30.5814



26.7779, 29.9458, 32.1533

Square

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



30.0597, 29.9458, 30.5814



27.7466, 29.9458, 28.3179



26.9231, 29.9458, 34.7178



29.1908, 29.9458, 37.3063

Rectangle

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



30.0597, 29.9458, 30.5814



28.9199, 29.9458, 28.0651



26.9231, 29.9458, 34.7178



28.0101, 29.9458, 37.6118

Sweetspot

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



30.0605, 29.9471, 30.5820



60.0945, 62.3437, 66.8142



31.3157, 30.2051, 37.9443



13.3701, 13.8190, 14.7462



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.0605, 29.9471, 30.5820



53.2057, 52.3898, 52.7299



31.4737, 32.7735, 31.0531



7.1040, 7.1464, 7.3851



11.8267, 6.2274, 0.5787



0.2575, 0.1487, 0.0151

Inverse Universe

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



30.7679, 34.0269, 39.1288



54.7147, 61.0938, 70.9646



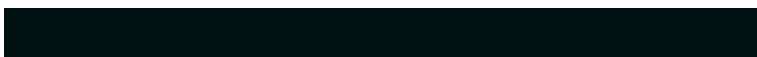
29.2680, 31.0273, 38.6289



7.2422, 7.9433, 9.0546



14.1193, 20.0180, 30.0495



0.3062, 0.4396, 0.6346

Previews

White Background



This preview shows how the XYZ color 30.0597, 29.9458, 30.5814 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 30.0597, 29.9458, 30.5814 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 30.0597, 29.9458, 30.5814

Background



This preview shows how black text looks on a background with the XYZ color 30.0597, 29.9458, 30.5814.



This preview shows how white text looks on a background with the XYZ color 30.0597, 29.9458,

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

30.0597, 29.9458, 30.5814

Protanopia

28.7271, 29.9305, 31.4572

Deuteranopia

30.5244, 29.9595, 30.5595



Tritanopia

30.8431, 29.7980, 35.1363

Trichromacy



Original Color

30.0597, 29.9458, 30.5814

Protanomaly

29.2549, 29.9797, 31.0328

Deuteranomaly

30.3171, 29.8526, 30.5498

Tritanomaly

30.6634, 29.9674, 33.4463

Monochromacy



Original Color

30.0597, 29.9458, 30.5814

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.2616, 30.1880, 32.3016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0597, 29.9458, 30.5814 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(162, 145, 144)` looks like.

```
.text, #text, p{  
    color:rgb(162, 145, 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(162, 145, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 145, 144) }
```

Border

The CSS property to change the border of an element to XYZ 30.0597, 29.9458, 30.5814 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(162, 145, 144) }
```


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

```
.border{ border-color:rgb(162, 145, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 145, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 145, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 145, 144);  
box-shadow:4px 4px 4px 4px rgb(162, 145,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0597, 29.9458, 30.5814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 145, 144) }
```

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

```
.background{ background-color: rgb(162,  
145, 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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