

Converting Colors

XYZ(29.1232, 30.2902, 36.8259)

Have a look what the booklet for
XYZ(29.1232, 30.2902, 36.8259)
contains.

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Color

**XYZ(29.1317, 30.2594,
36.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	94959E
RGB	148, 149, 158
RGB Percent	58%, 58%, 62%
CMY	0.4196, 0.4157, 0.3804
CMYK	0.06, 0.06, 0.00, 0.38
HSL	234°, 5%, 60%
HSV	234°, 6%, 62%
XYZ	29.1317, 30.2594, 36.6530
YIQ	149.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

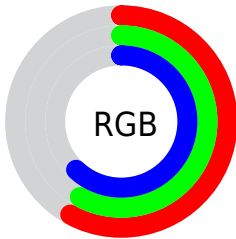
Format	Color
R_{YB}	148, 149, 158
Decimal	9737630
CIE Lab	61.88, 1.44, -4.86
CIE LCh	62, 5.064, 286.488
Yxy	30.2594, 0.3033, 0.3151
Android (android.graphics.Color)	4287927710 (0xFF94959E)
YUV	149.7270, 4.0786, -1.5146
Hunter-Lab	55.0085, -1.7340, -0.9998

Details

The XYZ color **29.1317, 30.2594, 36.6530** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5028, 33.5208, 32.8272**, and the grayscale version is **28.8588, 30.3617, 33.0639**.

A 20% lighter version of the original color is **57.7233, 60.0725, 71.5036**, and **11.9513, 12.3383, 15.6615** is the 20% darker color. If you saturate the color by 10%, you get **24.3532, 24.6592, 35.8244**, and if you desaturate by 10%, it is **34.5767, 36.6124, 37.5927**.

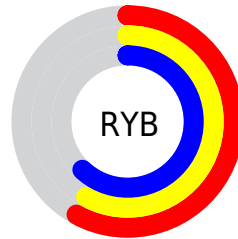
Distribution



Red (58%)

Green (58%)

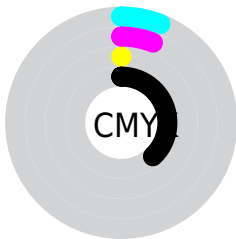
Blue (62%)



Red (58%)

Yellow (58%)

Blue (62%)

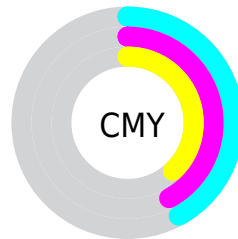


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1317, 30.2594, 36.6530 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 29.1317, 30.2594, 36.6530 by changing the saturation by 10% instead.

■ 29.1317, 30.2594,
36.6530

■ 29.1317, 30.2594,
36.6530

289.8189,
303.1117, 346.9291

■ 19.3253, 20.0356,
24.6453

■ 57.6824, 60.0722,
71.2191

■ 12.0109, 12.4209,
15.5963

■ 77.1573, 80.4299,
94.6146

■ 6.8234, 7.0310,
9.0877

100.5858,
104.9343, 122.6430

■ 3.3972, 3.4815,
4.7009

128.3332,
133.9699, 155.7230

■ 1.3671, 1.3880,
2.0172

160.7648,
167.9211, 194.2731

■ 0.2326, 0.2078,
0.5658

198.2461,

■ 0.0000, 0.0000,

207.1722, 238.7118

0.0000

241.1423,
252.1076, 289.4576

■ 29.1317, 30.2594,
36.6530

■ 29.1317, 30.2594,
36.6530

■ 24.3532, 24.6592,
35.8244

■ 34.5767, 36.6124,
37.5927

■ 20.2129, 19.7801,
35.1008

■ 40.7096, 43.7407,
38.6454

■ 16.6846, 15.5939,
34.4788

■ 47.5543, 51.6706,
39.8153

■ 13.7392, 12.0692,
33.9537

■ 55.1327, 60.4261,
41.1058

■ 11.3449, 9.1719,
33.5206

■ 63.4657, 70.0299,
42.5203

■ 9.4674, 6.8649,
33.1743

■ 72.5734, 80.5042,
44.0621

■ 8.0680, 5.1074,
32.9088

■ 81.1376, 91.1806,
45.6714

■ 7.1030, 3.8531,
32.7176

■ 83.1716, 95.2487,
46.3494

■ 6.5135, 3.0446,
32.5926

Harmonies

Analogous

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



28.4576, 30.2594, 36.7068



29.1317, 30.2594, 36.6530



29.7151, 30.2594, 35.5814

Triad

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



29.1317, 30.2594, 36.6530



29.6663, 30.2594, 30.3169



27.5134, 30.2594, 32.0839

Complementary

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



29.1317, 30.2594, 36.6530



31.5028, 33.5208, 32.8272

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.



27.8269, 30.2594, 30.4466



29.1317, 30.2594, 36.6530



29.0659, 30.2594, 29.4537

Square

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



29.1317, 30.2594, 36.6530



30.0270, 30.2594, 31.9005



28.3928, 30.2594, 29.5003



27.5304, 30.2594, 34.0168

Rectangle

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



29.1317, 30.2594, 36.6530



29.9709, 30.2594, 34.4571



28.3928, 30.2594, 29.5003



27.5834, 30.2594, 31.4823

Sweetspot

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



29.1326, 30.2607, 36.6537



56.9948, 59.7312, 67.2688



30.5116, 33.1787, 36.6202



12.8757, 13.4971, 15.1702



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.



29.1326, 30.2607, 36.6537



51.2293, 52.9936, 66.2722



29.6796, 30.3082, 36.6340



6.3356, 6.5370, 8.3345



5.1041, 2.2998, 26.0821



0.1050, 0.0687, 0.4709

Inverse Universe

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



30.1159, 30.6194, 32.7581



53.5050, 53.8306, 57.2554



30.9308, 33.4787, 32.8492



6.6587, 6.6564, 7.0541



11.3745, 5.8544, 0.9574



0.2103, 0.1075, 0.0537

Previews

White Background



This preview shows how the XYZ color 29.1317, 30.2594, 36.6530 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 29.1317, 30.2594, 36.6530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

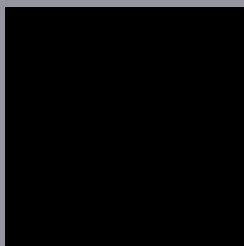
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

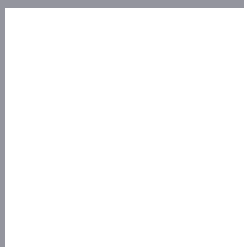
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1317, 30.2594, 36.6530

Background



This preview shows how black text looks on a background with the XYZ color 29.1317, 30.2594, 36.6530.

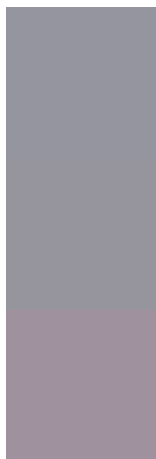


This preview shows how white text looks on a background with the XYZ color 29.1317, 30.2594,

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

29.1317, 30.2594, 36.6530

Protanopia

29.4967, 30.4475, 36.6701

Deuteranopia

30.8806, 30.2276, 37.0078



Tritanopia

29.3054, 30.3289, 37.5672

Trichromacy



Original Color

29.1317, 30.2594, 36.6530

Protanomaly

29.3134, 30.3531, 36.6615

Deuteranomaly

30.2472, 30.1289, 37.0221

Tritanomaly

29.2182, 30.2940, 37.1082

Monochromacy



Original Color

29.1317, 30.2594, 36.6530

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.0505, 30.5022, 34.4934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1317, 30.2594, 36.6530 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(148, 149, 158) looks like.

```
.text, #text, p{  
    color:rgb(148, 149, 158)  
}
```

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(148, 149, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 149, 158) }
```

Border

The CSS property to change the border of an element to XYZ 29.1317, 30.2594, 36.6530 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(148, 149, 158) }
```


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

```
.border{ border-color:rgb(148, 149, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 149, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 149, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 149, 158);  
box-shadow:4px 4px 4px 4px rgb(148, 149,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1317, 30.2594, 36.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 149, 158) }
```

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

```
.background{ background-color: rgb(148,  
149, 158) }
```

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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