

Converting Colors

XYZ(29.1377, 30.9838, 36.8318)

Have a look what the booklet for
XYZ(29.1377, 30.9838, 36.8318)
contains.

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Color

**XYZ(29.0768, 30.9448,
36.7882)**

Conversions

Conversions Part 1

Format	Color
Hex	91989E
RGB	145, 152, 158
RGB Percent	57%, 60%, 62%
CMY	0.4314, 0.4039, 0.3804
CMYK	0.08, 0.04, 0.00, 0.38
HSL	208°, 6%, 59%
HSV	208°, 8%, 62%
XYZ	29.0768, 30.9448, 36.7882
YIQ	150.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

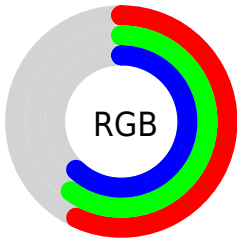
Format	Color
RYB	145, 150, 158
Decimal	9541790
CIELab	62.46, -1.29, -4.02
CIElCh	62, 4.223, 252.211
Yxy	30.9448, 0.3003, 0.3196
Android (android.graphics.Color)	4287731870 (0xFF91989E)
YUV	150.5910, 3.6526, -4.9033
Hunter-Lab	55.6281, -4.0471, -0.2703

Details

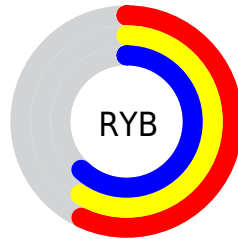
The XYZ color **29.0768, 30.9448, 36.7882** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2781, 31.4464, 31.2624**, and the grayscale version is **29.2282, 30.7504, 33.4871**.

A 20% lighter version of the original color is **57.6347, 61.0888, 71.7044**, and **12.0268, 12.8018, 15.7470** is the 20% darker color. If you saturate the color by 10%, you get **25.3372, 27.3151, 36.2852**, and if you desaturate by 10%, it is **33.2781, 34.9222, 37.3350**.

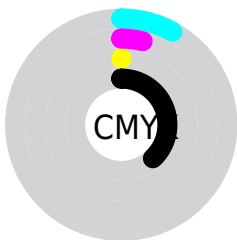
Distribution



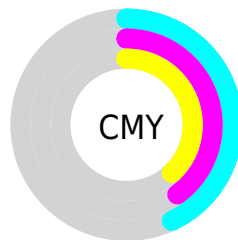
- Red (57%)
- Green (60%)
- Blue (62%)



- Red (57%)
- Yellow (59%)
- Blue (62%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (43%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0768, 30.9448, 36.7882 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 29.0768, 30.9448, 36.7882 by changing the saturation by 10% instead.

■ 29.0768, 30.9448,
36.7882

■ 29.0768, 30.9448,
36.7882

289.5648,
306.2839, 347.5337

■ 19.2835, 20.5568,
24.7490

■ 57.5958, 61.1532,
71.4296

■ 11.9805, 12.8004,
15.6729

■ 77.0522, 81.7423,
94.8689

■ 6.8025, 7.2913,
9.1411

100.4604,
106.5007, 122.9454

■ 3.3841, 3.6449,
4.7353

128.1856,
135.8126, 156.0775

■ 1.3600, 1.4770,
2.0368

160.5933,
170.0625, 194.6839

■ 0.2275, 0.2724,
0.5778

198.0489,

■ 0.0000, 0.0000,

209.6347, 239.1830

0.0000

240.9176,
254.9138, 289.9934

■ 29.0768, 30.9448,
36.7882

■ 29.0768, 30.9448,
36.7882

■ 25.3372, 27.3151,
36.2852

■ 33.2781, 34.9222,
37.3350

■ 22.0395, 24.0183,
35.8226

■ 37.9547, 39.2537,
37.9245

■ 19.1663, 21.0444,
35.4001

■ 43.1230, 43.9502,
38.5587

■ 16.6978, 18.3812,
35.0161

■ 48.7975, 49.0212,
39.2384

■ 14.6128, 16.0157,
34.6694

■ 54.9923, 54.4755,
39.9647

■ 12.8877, 13.9334,
34.3584

■ 61.7209, 60.3220,
40.7385

■ 11.4961, 12.1186,
34.0815

■ 68.7746, 66.4545,
41.5504

■ 10.4075, 10.5531,
33.8367

■ 70.5371, 69.9795,
42.1379

■ 9.5664, 9.2061,
33.6210

■ 72.3816, 73.6686,
42.7528

Harmonies

Analogous

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



28.6036, 30.9448, 35.8583



29.0768, 30.9448, 36.7882



29.6458, 30.9448, 36.8725

Triad

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



29.0768, 30.9448, 36.7882



30.5021, 30.9448, 33.0306



28.6781, 30.9448, 31.4102

Complementary

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



29.0768, 30.9448, 36.7882



30.2781, 31.4464, 31.2624

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.



29.1797, 30.9448, 30.7029



29.0768, 30.9448, 36.7882



30.2357, 30.9448, 31.6179

Square

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



29.0768, 30.9448, 36.7882



30.4737, 30.9448, 34.6668



29.7500, 30.9448, 30.7776



28.3755, 30.9448, 32.7388

Rectangle

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



29.0768, 30.9448, 36.7882



30.0033, 30.9448, 36.4344



29.7500, 30.9448, 30.7776



28.8287, 30.9448, 31.0939

Sweetspot

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



29.0777, 30.9461, 36.7889



57.4245, 60.5907, 67.4120



29.4781, 32.7035, 33.9735



12.9671, 13.6797, 15.2007



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.



29.0777, 30.9461, 36.7889



51.4027, 54.8509, 66.6215



28.0741, 28.9389, 36.4543



6.5658, 6.9973, 8.4112



7.5910, 7.2735, 26.9111



0.1778, 0.2143, 0.4952

Inverse Universe

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



29.8941, 29.7875, 33.8812



53.2238, 52.3064, 60.1267



31.3281, 33.5465, 31.6125



6.7749, 6.7029, 7.6659



12.6298, 6.3565, 7.5674



0.2471, 0.1222, 0.2472

Previews

White Background



This preview shows how the XYZ color 29.0768, 30.9448, 36.7882 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 29.0768, 30.9448, 36.7882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

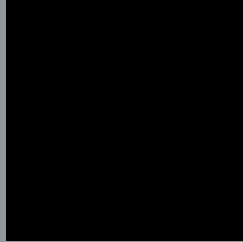
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

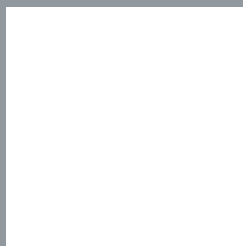
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0768, 30.9448, 36.7882

Background



This preview shows how black text looks on a background with the XYZ color 29.0768, 30.9448, 36.7882.



This preview shows how white text looks on a background with the XYZ color 29.0768, 30.9448,

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

29.0768, 30.9448, 36.7882

Protanopia

29.9410, 30.9224, 36.2888

Deuteranopia

31.4372, 30.7424, 37.0778



Tritanopia

29.5315, 30.8886, 39.0559

Trichromacy



Original Color

29.0768, 30.9448, 36.7882

Protanomaly

29.5468, 30.9571, 36.3163

Deuteranomaly

30.5582, 30.7509, 37.1258

Tritanomaly

29.3537, 30.8174, 38.1195

Monochromacy



Original Color

29.0768, 30.9448, 36.7882

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.2938, 30.8559, 34.9837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0768, 30.9448, 36.7882 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(145, 152, 158)` looks like.

```
.text, #text, p{  
    color:rgb(145, 152, 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(145, 152, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 152, 158) }
```

Border

The CSS property to change the border of an element to XYZ 29.0768, 30.9448, 36.7882 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(145, 152, 158) }
```


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

```
.border{ border-color:rgb(145, 152, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 152, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 152, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 152, 158);  
box-shadow:4px 4px 4px 4px rgb(145, 152,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0768, 30.9448, 36.7882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 152, 158) }
```

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

```
.background{ background-color: rgb(145,  
152, 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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