

Converting Colors

XYZ(29.0460, 30.2251, 36.2014)

Have a look what the booklet for
XYZ(29.0460, 30.2251, 36.2014)
contains.

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Color

**XYZ(29.0460, 30.2251,
36.2014)**

Conversions

Conversions Part 1

Format	Color
Hex	94959D
RGB	148, 149, 157
RGB Percent	58%, 58%, 62%
CMY	0.4196, 0.4157, 0.3843
CMYK	0.06, 0.05, 0.00, 0.38
HSL	233°, 4%, 60%
HSV	233°, 6%, 62%
XYZ	29.0460, 30.2251, 36.2014
YIQ	149.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

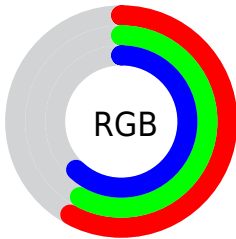
Format	Color
RYB	148, 149, 157
Decimal	9737629
CIELab	61.85, 1.23, -4.33
CIELCh	62, 4.505, 285.888
Yxy	30.2251, 0.3042, 0.3166
Android (android.graphics.Color)	4287927709 (0xFF94959D)
YUV	149.6130, 3.6418, -1.4146
Hunter-Lab	54.9774, -1.9041, -0.5570

Details

The XYZ color **29.0460, 30.2251, 36.2014** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1385, 33.0829, 32.7620**, and the grayscale version is **28.8123, 30.3128, 33.0106**.

A 20% lighter version of the original color is **57.5967, 60.0219, 70.8371**, and **11.8990, 12.3174, 15.3860** is the 20% darker color. If you saturate the color by 10%, you get **24.3200, 24.7066, 35.3858**, and if you desaturate by 10%, it is **34.4234, 36.4737, 37.1245**.

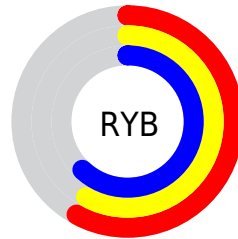
Distribution



Red (58%)

Green (58%)

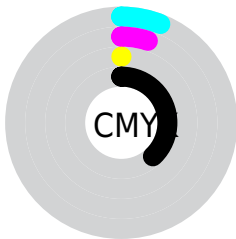
Blue (62%)



Red (58%)

Yellow (58%)

Blue (62%)

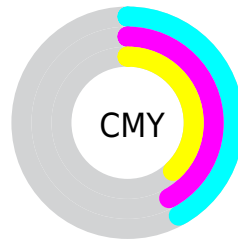


Cyan (6%)

Magenta (5%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0460, 30.2251, 36.2014 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 29.0460, 30.2251, 36.2014 by changing the saturation by 10% instead.

■ 29.0460, 30.2251,
36.2014

■ 29.0460, 30.2251,
36.2014

289.4222,
302.9523, 344.9040

■ 19.2601, 20.0095,
24.2989

■ 57.5472, 60.0180,
70.5153

■ 11.9635, 12.4020,
15.3412

■ 76.9932, 80.3641,
93.7638

■ 6.7908, 7.0180,
8.9099

100.3900,
104.8557, 121.6314

■ 3.3768, 3.4734,
4.5865

128.1028,
133.8775, 154.5365

■ 1.3560, 1.3836,
1.9523

160.4971,
167.8136, 192.8978

■ 0.2246, 0.2046,
0.5257

197.9382,

■ 0.0000, 0.0000,

207.0485, 237.1338

0.0000

240.7914,
251.9666, 287.6630

■ 29.0460, 30.2251,
36.2014

■ 29.0460, 30.2251,
36.2014

■ 24.3200, 24.7066,
35.3858

■ 34.4234, 36.4737,
37.1245

■ 20.2180, 19.8877,
34.6718

■ 40.4731, 43.4736,
38.1568

■ 16.7148, 15.7416,
34.0562

■ 47.2179, 51.2501,
39.3023

■ 13.7821, 12.2383,
33.5346

■ 54.6792, 59.8262,
40.5644

■ 11.3895, 9.3452,
33.1022

■ 62.8772, 69.2236,
41.9462

■ 9.5037, 7.0274,
32.7542

■ 71.8313, 79.4636,
43.4508

■ 8.0877, 5.2459,
32.4850

■ 80.4847, 90.0120,
45.0308

■ 7.0994, 3.9570,
32.2883

■ 83.0859, 95.2144,
45.8978

■ 6.4849, 3.1079,
32.1568

Harmonies

Analogous

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



28.4468, 30.2251, 36.2297



29.0460, 30.2251, 36.2014



29.5669, 30.2251, 35.2711

Triad

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



29.0460, 30.2251, 36.2014



29.5410, 30.2251, 30.5875



27.6204, 30.2251, 32.1086

Complementary

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



29.0460, 30.2251, 36.2014



31.1385, 33.0829, 32.7620

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.



27.9052, 30.2251, 30.6567



29.0460, 30.2251, 36.2014



29.0111, 30.2251, 29.7995

Square

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



29.0460, 30.2251, 36.2014



29.8554, 30.2251, 32.0111



28.4124, 30.2251, 29.8244



27.6294, 30.2251, 33.8256

Rectangle

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



29.0460, 30.2251, 36.2014



29.7972, 30.2251, 34.2825



28.4124, 30.2251, 29.8244



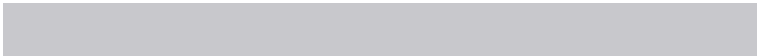
27.6848, 30.2251, 31.5746

Sweetspot

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



29.0469, 30.2264, 36.2021



55.4382, 58.1101, 65.4212



30.2667, 32.8089, 36.1683



12.2245, 12.8166, 14.3999



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.0469, 30.2264, 36.2021



50.7629, 52.6678, 64.6171



29.5224, 30.2372, 36.1791



6.5509, 6.7928, 8.3726



5.1266, 2.3448, 26.0896



0.1069, 0.0723, 0.4716

Inverse Universe

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



29.9200, 30.5185, 32.7489



52.6929, 53.3184, 56.9836



30.6437, 33.0785, 32.7872



6.8101, 6.8803, 7.3475



11.3859, 5.8589, 1.0171



0.2113, 0.1078, 0.0586

Previews

White Background



This preview shows how the XYZ color 29.0460, 30.2251, 36.2014 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 29.0460, 30.2251, 36.2014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

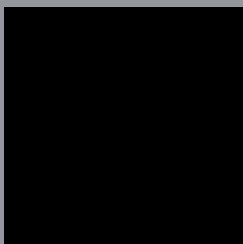
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

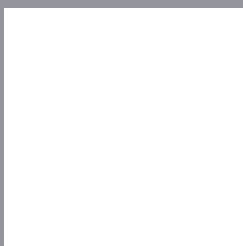
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0460, 30.2251, 36.2014

Background



This preview shows how black text looks on a background with the XYZ color 29.0460, 30.2251, 36.2014.



This preview shows how white text looks on a background with the XYZ color 29.0460, 30.2251,

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

29.0460, 30.2251, 36.2014

Protanopia

29.2534, 30.0982, 36.1660

Deuteranopia

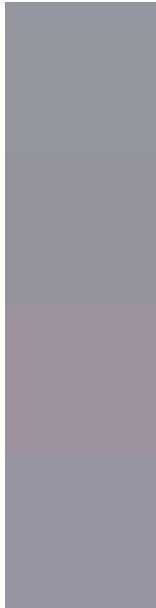
30.7942, 30.1930, 36.5526



Tritanopia

29.3295, 30.1074, 37.5232

Trichromacy



Original Color

29.0460, 30.2251, 36.2014

Protanomaly

29.0701, 30.0037, 36.1574

Deuteranomaly

30.1607, 30.0943, 36.5669

Tritanomaly

29.2423, 30.0726, 37.0642

Monochromacy



Original Color

29.0460, 30.2251, 36.2014

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 29.0460, 30.2251, 36.2014 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, 157) looks like.

```
.text, #text, p{  
    color:rgb(148, 149, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 149, 157) }
```

Border

The CSS property to change the border of an element to XYZ 29.0460, 30.2251, 36.2014 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, 157) }
```


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

```
.border{ border-color:rgb(148, 149, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(148, 149,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0460, 30.2251, 36.2014 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, 157) }
```

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

```
.background{ background-color: rgb(148,  
149, 157) }
```

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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