

Converting Colors

XYZ(29.4251, 36.0646, 38.2112)

Have a look what the booklet for
XYZ(29.4251, 36.0646, 38.2112)
contains.

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Color

**XYZ(29.4251, 36.0646,
38.2112)**

Conversions

Conversions Part 1

Format	Color
Hex	7EAB9F
RGB	126, 171, 159
RGB Percent	49%, 67%, 62%
CMY	0.5059, 0.3294, 0.3765
CMYK	0.26, 0.00, 0.07, 0.33
HSL	164°, 21%, 58%
HSV	164°, 26%, 67%
XYZ	29.4251, 36.0646, 38.2112
YIQ	156.1770, -22.9680, -13.2720

Conversions

Conversions Part 2

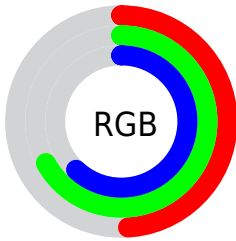
Format	Color
RYB	126, 152, 171
Decimal	8301471
CIELab	66.57, -17.66, 1.29
CIElCh	67, 17.705, 175.825
Yxy	36.0646, 0.2837, 0.3478
Android (android.graphics.Color)	4286491551 (0xFF7EAB9F)
YUV	156.1770, 1.3917, -26.4652
Hunter-Lab	60.0538, -17.6329, 4.3125

Details

The XYZ color **29.4251, 36.0646, 38.2112** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.8441, 25.4156, 27.4317**, and the grayscale version is **31.6811, 33.3309, 36.2974**.

A 20% lighter version of the original color is **58.1563, 68.9511, 73.8620**, and **12.2053, 15.7722, 16.5884** is the 20% darker color. If you saturate the color by 10%, you get **26.7276, 34.7198, 36.0575**, and if you desaturate by 10%, it is **32.5703, 37.6404, 40.4636**.

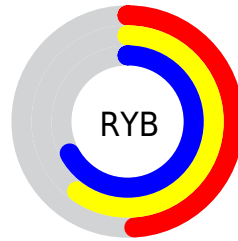
Distribution



Red (49%)

Green (67%)

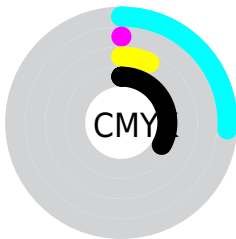
Blue (62%)



Red (49%)

Yellow (60%)

Blue (67%)

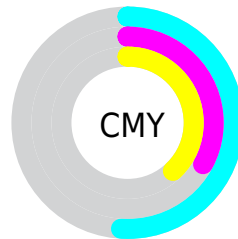


Cyan (26%)

Magenta (0%)

Yellow (7%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4251, 36.0646, 38.2112 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 29.4251, 36.0646, 38.2112 by changing the saturation by 10% instead.

■ 29.4251, 36.0646,
38.2112

■ 29.4251, 36.0646,
38.2112

291.1736,
329.2428, 353.8504

■ 19.5485, 24.4841,
25.8435

■ 58.1447, 69.1318,
73.6387

■ 12.1737, 15.6931,
16.4819

■ 77.7185, 91.3872,
97.5357

■ 6.9351, 9.3073,
9.7078

■ 101.2553,
117.9698, 126.1129

■ 3.4675, 4.9421,
5.1026

129.1206,
149.2638, 159.7888

■ 1.4055, 2.2133,
2.2478

161.6798,
185.6537, 198.9819

■ 0.2602, 0.7273,
0.7017

199.2981,

■ 0.0000, 0.0000,

227.5239, 244.1109

0.0000

242.3409,
275.2588, 295.5942

■ 29.4251, 36.0646,
38.2112

■ 29.4251, 36.0646,
38.2112

■ 26.7276, 34.7198,
36.0575

■ 32.5703, 37.6404,
40.4636

■ 24.4527, 33.5903,
33.9983

■ 36.1806, 39.4533,
42.8141

■ 22.5773, 32.6651,
32.0323

■ 40.2763, 41.5147,
45.2651

■ 21.0751, 31.9306,
30.1576

■ 44.8755, 43.8339,
47.8183

■ 19.9162, 31.3715,
28.3719

■ 49.9953, 46.4198,
50.4752

■ 19.0662, 30.9700,
26.6727

■ 55.6522, 49.2807,
53.2373

■ 18.4781, 30.7020,
25.0570

■ 61.8617, 52.4248,
56.1062

■ 18.2906, 30.6179,
24.4809

■ 65.7090, 54.3493,
58.9461

■ 66.2344, 54.5594,
61.7129

Harmonies

Analogous

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



30.2177, 36.0646, 31.5999



29.4251, 36.0646, 38.2112



29.8766, 36.0646, 46.0026

Triad

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



29.4251, 36.0646, 38.2112



36.5555, 36.0646, 53.9876



37.2330, 36.0646, 28.3514

Complementary

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



29.4251, 36.0646, 38.2112



28.8441, 25.4156, 27.4317

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.



39.0924, 36.0646, 33.2254



29.4251, 36.0646, 38.2112



38.6873, 36.0646, 48.0864

Square

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



29.4251, 36.0646, 38.2112



33.9072, 36.0646, 55.7679



39.6378, 36.0646, 40.3446



34.6521, 36.0646, 26.3935

Rectangle

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



29.4251, 36.0646, 38.2112



30.8356, 36.0646, 50.7414



39.6378, 36.0646, 40.3446



37.9683, 36.0646, 29.6696

Sweetspot

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



29.4261, 36.0661, 38.2120



63.5508, 70.0305, 75.8929



28.9357, 36.1011, 25.1825



13.9524, 15.5067, 16.7844



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.4261, 36.0661, 38.2120



49.5871, 63.0364, 66.0013



28.7446, 32.9544, 43.3756



8.1438, 9.0351, 9.7821



13.8105, 23.0895, 18.5735



0.4052, 0.6507, 0.6276

Inverse Universe

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



28.8441, 25.4156, 27.4317



48.3581, 40.4879, 43.1932



29.3306, 27.7033, 23.5407



8.0897, 8.0491, 8.7832



13.0458, 6.6809, 2.6206



0.3857, 0.1950, 0.1931

Previews

White Background



This preview shows how the XYZ color 29.4251, 36.0646, 38.2112 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 29.4251, 36.0646, 38.2112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

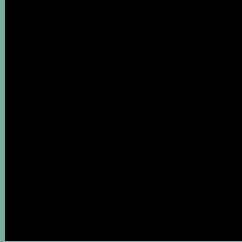
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

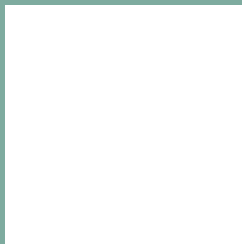
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4251, 36.0646, 38.2112

Background



This preview shows how black text looks on a background with the XYZ color 29.4251, 36.0646, 38.2112.



This preview shows how white text looks on a background with the XYZ color 29.4251, 36.0646,

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

29.4251, 36.0646, 38.2112

Protanopia

34.2205, 35.8966, 35.2621

Deuteranopia

36.3146, 35.6157, 39.1429



Tritanopia

31.7032, 36.1668, 49.0260

Trichromacy



Original Color

29.4251, 36.0646, 38.2112

Protanomaly

32.1340, 35.8561, 36.2376

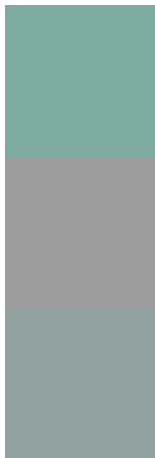
Deuteranomaly

33.2784, 35.3320, 38.7840

Tritanomaly

30.7841, 36.0602, 44.8730

Monochromacy



Original Color

29.4251, 36.0646, 38.2112

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.5077, 33.9438, 36.8422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4251, 36.0646, 38.2112 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(126, 171, 159)` looks like.

```
.text, #text, p{  
    color:rgb(126, 171, 159)  
}
```

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(126, 171, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 171, 159) }
```

Border

The CSS property to change the border of an element to XYZ 29.4251, 36.0646, 38.2112 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(126, 171, 159) }
```


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

```
.border{ border-color:rgb(126, 171, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 171, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 171, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 171, 159);  
box-shadow:4px 4px 4px 4px rgb(126, 171,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4251, 36.0646, 38.2112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 171, 159) }
```

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

```
.background{ background-color: rgb(126,  
171, 159) }
```

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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