

Converting Colors

XYZ(30.4216, 29.0189, 38.6142)

Have a look what the booklet for
XYZ(30.4216, 29.0189, 38.6142)
contains.

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Color

**XYZ(30.4338, 29.0650,
38.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8DA3
RGB	159, 141, 163
RGB Percent	62%, 55%, 64%
CMY	0.3765, 0.4470, 0.3608
CMYK	0.02, 0.13, 0.00, 0.36
HSL	289°, 11%, 60%
HSV	289°, 13%, 64%
XYZ	30.4338, 29.0650, 38.6564
YIQ	148.8900, 3.6660, 10.6580

Conversions

Conversions Part 2

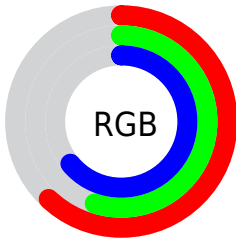
Format	Color
RYB	159, 141, 163
Decimal	10456483
CIELab	60.84, 10.86, -9.14
CIELCh	61, 14.195, 319.934
Yxy	29.0650, 0.3101, 0.2961
Android (android.graphics.Color)	4288646563 (0xFF9F8DA3)
YUV	148.8900, 6.9562, 8.8665
Hunter-Lab	53.9120, 6.4190, -4.7742

Details

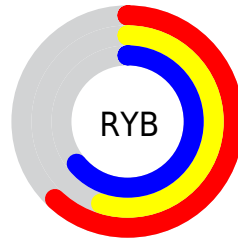
The XYZ color **30.4338, 29.0650, 38.6564** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.5830, 34.1380, 30.2308**, and the grayscale version is **28.4921, 29.9759, 32.6438**.

A 20% lighter version of the original color is **59.9016, 58.3883, 74.4426**, and **12.6737, 11.7557, 16.6400** is the 20% darker color. If you saturate the color by 10%, you get **27.6246, 24.3083, 37.8868**, and if you desaturate by 10%, it is **33.6125, 34.5389, 39.5459**.

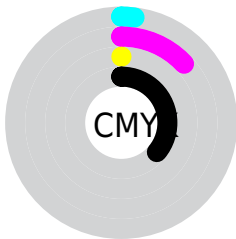
Distribution



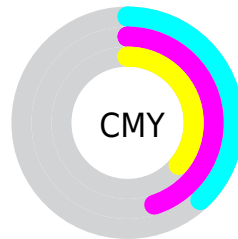
- Red (62%)
- Green (55%)
- Blue (64%)



- Red (62%)
- Yellow (55%)
- Blue (64%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4338, 29.0650, 38.6564 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 30.4338, 29.0650, 38.6564 by changing the saturation by 10% instead.

■ 30.4338, 29.0650,
38.6564

■ 30.4338, 29.0650,
38.6564

295.7950,
297.5215, 355.8097

■ 20.3178, 19.1300,
26.1868

■ 59.7295, 58.1803,
74.3277

■ 12.7359, 11.7642,
16.7364

■ 79.6398, 78.1295,
98.3664

■ 7.3227, 6.5834,
9.8868

■ 103.5457,
102.1854, 127.0985

■ 3.7128, 3.2029,
5.2193

131.8124,
130.7326, 160.9426

■ 1.5410, 1.2386,
2.3155

164.8054,
164.1554, 200.3173

■ 0.3535, 0.0929,
0.7399

202.8899,

■ 0.0000, 0.0000,

202.8383, 245.6410

0.0000

246.4313,
247.1655, 297.3323

■ 30.4338, 29.0650,
38.6564

■ 30.4338, 29.0650,
38.6564

■ 27.6246, 24.3083,
37.8868

■ 33.6125, 34.5389,
39.5459

■ 25.1669, 20.2343,
37.2299

■ 37.1728, 40.7553,
40.5581

■ 23.0449, 16.8110,
36.6810

■ 41.1292, 47.7427,
41.6983

■ 21.2406, 14.0027,
36.2341

■ 45.4947, 55.5271,
42.9707

■ 19.7343, 11.7700,
35.8825

■ 50.2819, 64.1332,
44.3796

■ 18.5039, 10.0688,
35.6190

■ 55.5025, 73.5846,
45.9287

■ 17.5240, 8.8488,
35.4351

■ 61.1347, 83.8375,
47.6109

■ 16.7646, 8.0497,
35.3209

■ 61.8309, 84.1963,
47.6435

■ 16.3412, 7.6605,
35.2681

■ 62.5419, 84.5629,
47.6767

Harmonies

Analogous

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



28.8542, 29.0650, 42.2052



30.4338, 29.0650, 38.6564



31.2723, 29.0650, 33.4583

Triad

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



30.4338, 29.0650, 38.6564



28.2509, 29.0650, 22.6506



24.4191, 29.0650, 35.2432

Complementary

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



30.4338, 29.0650, 38.6564



29.5830, 34.1380, 30.2308

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.



24.2737, 29.0650, 29.9020



30.4338, 29.0650, 38.6564



26.4321, 29.0650, 23.0149

Square

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



30.4338, 29.0650, 38.6564



29.9753, 29.0650, 24.4828



24.9953, 29.0650, 25.5404



25.4017, 29.0650, 40.0875

Rectangle

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



30.4338, 29.0650, 38.6564



31.2738, 29.0650, 29.9242



24.9953, 29.0650, 25.5404



24.2724, 29.0650, 33.4343

Sweetspot

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



30.4347, 29.0663, 38.6570



59.8488, 61.2525, 70.7247



27.7270, 28.5694, 38.7038



13.3443, 13.5883, 15.8570



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.



30.4347, 29.0663, 38.6570



53.0303, 49.5408, 68.8235



30.6336, 29.2389, 35.4972



7.2375, 7.1368, 8.8992



12.7348, 5.9715, 27.4112



0.2986, 0.1415, 0.5774

Inverse Universe

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



29.7410, 28.8819, 30.7967



51.5742, 49.1591, 52.0867



29.4254, 33.9949, 33.0151



7.1239, 7.1060, 7.6391



11.9301, 6.1281, 1.5567



0.2644, 0.1343, 0.1052

Previews

White Background



This preview shows how the XYZ color 30.4338, 29.0650, 38.6564 looks on a white background.

Color Contrast Check

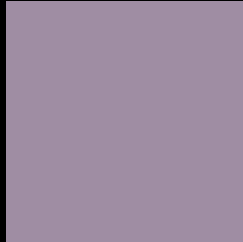
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4338, 29.0650, 38.6564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

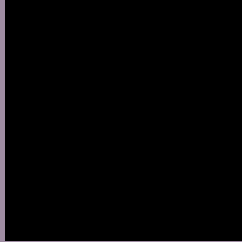
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4338, 29.0650, 38.6564

Background



This preview shows how black text looks on a background with the XYZ color 30.4338, 29.0650, 38.6564.



This preview shows how white text looks on a background with the XYZ color 30.4338, 29.0650,

38.6564.

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

30.4338, 29.0650, 38.6564

Protanopia

28.6634, 29.2402, 40.2096

Deuteranopia

29.7597, 29.1593, 38.7101



Tritanopia

29.7557, 29.2471, 34.6488

Trichromacy



Original Color

30.4338, 29.0650, 38.6564

Protanomaly

29.1592, 29.0527, 39.6682

Deuteranomaly

29.9942, 29.0583, 38.6783

Tritanomaly

29.8594, 29.0494, 35.9316

Monochromacy



Original Color

30.4338, 29.0650, 38.6564

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.2485, 29.6632, 34.7559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4338, 29.0650, 38.6564 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(159, 141, 163)` looks like.

```
.text, #text, p{  
    color:rgb(159, 141, 163)  
}
```

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(159, 141, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 141, 163) }
```

Border

The CSS property to change the border of an element to XYZ 30.4338, 29.0650, 38.6564 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(159, 141, 163) }
```


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

```
.border{ border-color:rgb(159, 141, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 141, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 141, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 141, 163);  
box-shadow:4px 4px 4px 4px rgb(159, 141,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4338, 29.0650, 38.6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 141, 163) }
```

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

```
.background{ background-color: rgb(159,  
141, 163) }
```

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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