

Converting Colors

XYZ(29.5601, 29.3659, 38.1514)

Have a look what the booklet for
XYZ(29.5601, 29.3659, 38.1514)
contains.

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Color

**XYZ(29.6317, 29.3275,
38.2814)**

Conversions

Conversions Part 1

Format	Color
Hex	9990A2
RGB	153, 144, 162
RGB Percent	60%, 56%, 64%
CMY	0.4000, 0.4353, 0.3647
CMYK	0.06, 0.11, 0.00, 0.36
HSL	270°, 9%, 60%
HSV	270°, 11%, 64%
XYZ	29.6317, 29.3275, 38.2814
YIQ	148.7430, -0.4140, 7.5060

Conversions

Conversions Part 2

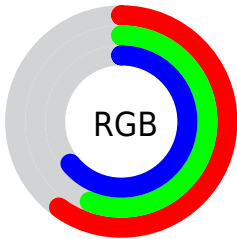
Format	Color
RYB	153, 144, 162
Decimal	10064034
CIELab	61.07, 6.84, -8.28
CIElCh	61, 10.738, 309.549
Yxy	29.3275, 0.3047, 0.3016
Android (android.graphics.Color)	4288254114 (0xFF9990A2)
YUV	148.7430, 6.5357, 3.7334
Hunter-Lab	54.1549, 2.8981, -4.0029

Details

The XYZ color **29.6317, 29.3275, 38.2814** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0924, 34.6274, 31.4321**, and the grayscale version is **28.4334, 29.9142, 32.5765**.

A 20% lighter version of the original color is **58.4506, 58.6633, 73.8881**, and **12.2967, 11.9560, 16.4115** is the 20% darker color. If you saturate the color by 10%, you get **25.8747, 24.0065, 37.4528**, and if you desaturate by 10%, it is **33.8464, 35.4087, 39.2335**.

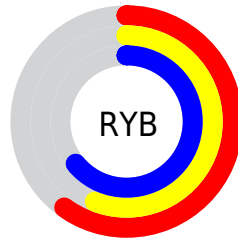
Distribution



Red (60%)

Green (56%)

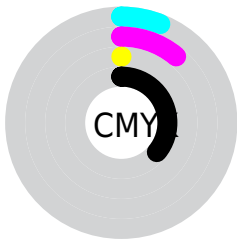
Blue (64%)



Red (60%)

Yellow (56%)

Blue (64%)

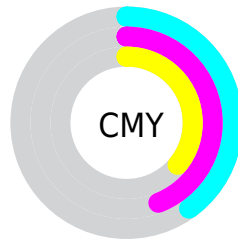


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (36%)



Cyan (40%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6317, 29.3275, 38.2814 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 29.6317, 29.3275, 38.2814 by changing the saturation by 10% instead.

■ 29.6317, 29.3275,
38.2814

■ 29.6317, 29.3275,
38.2814

292.1247,
298.7571, 354.1599

■ 19.7059, 19.3287,
25.8976

■ 58.4699, 58.5970,
73.7474

■ 12.2885, 11.9080,
16.5220

■ 78.1130, 78.6365,
97.6668

■ 7.0140, 6.6811,
9.7359

101.7258,
102.7917, 126.2685

■ 3.5173, 3.2635,
5.1209

129.6739,
131.4470, 159.9709

■ 1.4329, 1.2708,
2.2584

162.3224,
164.9868, 199.1928

■ 0.2795, 0.1184,
0.7078

200.0368,

■ 0.0000, 0.0000,

203.7955, 244.3525

0.0000

243.1825,
248.2575, 295.8687

■ 29.6317, 29.3275,
38.2814

■ 29.6317, 29.3275,
38.2814

■ 25.8747, 24.0065,
37.4528

■ 33.8464, 35.4087,
39.2335

■ 22.5557, 19.4111,
36.7407

■ 38.5322, 42.2756,
40.3120

■ 19.6577, 15.5094,
36.1404

■ 43.7052, 49.9567,
41.5219

■ 17.1610, 12.2659,
35.6459

■ 49.3798, 58.4784,
42.8677

■ 15.0446, 9.6413,
35.2509

■ 55.5699, 67.8656,
44.3534

■ 13.2851, 7.5927,
34.9482

■ 62.2888, 78.1423,
45.9828

■ 11.8560, 6.0707,
34.7297

■ 68.7774, 87.7877,
47.5026

■ 10.7268, 5.0177,
34.5860

■ 71.1386, 89.0050,
47.6131

■ 9.9140, 4.3575,
34.5014

■ 73.6182, 90.2832,
47.7291

Harmonies

Analogous

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



28.3257, 29.3275, 40.1911



29.6317, 29.3275, 38.2814



30.4850, 29.3275, 34.7145

Triad

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



29.6317, 29.3275, 38.2814



28.8301, 29.3275, 25.2147



25.2934, 29.3275, 33.2342

Complementary

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



29.6317, 29.3275, 38.2814



31.0924, 34.6274, 31.4321

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.



25.4182, 29.3275, 29.3035



29.6317, 29.3275, 38.2814



27.4289, 29.3275, 24.8909

Square

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



29.6317, 29.3275, 38.2814



30.0115, 29.3275, 27.2528



26.1890, 29.3275, 26.3278



25.8422, 29.3275, 37.1198

Rectangle

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



29.6317, 29.3275, 38.2814



30.6661, 29.3275, 31.9936



26.1890, 29.3275, 26.3278



25.2584, 29.3275, 31.8718

Sweetspot

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



29.6326, 29.3287, 38.2820



59.8889, 62.0212, 70.8709



29.4647, 31.4199, 38.6945



13.3118, 13.7283, 15.8857



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.



29.6326, 29.3287, 38.2820



52.2681, 51.0640, 69.1576



31.3351, 30.2064, 38.3617



7.0220, 7.0257, 8.8891



7.8602, 3.4585, 27.1831



0.2197, 0.1008, 0.5737

Inverse Universe

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



30.6244, 29.9292, 34.3014



54.4001, 52.3548, 60.6008



29.5096, 33.8114, 31.3580



7.2146, 7.1423, 8.1163



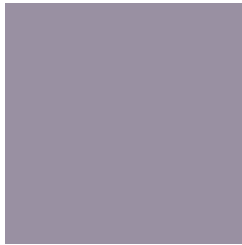
12.9310, 6.5285, 6.8274



0.2956, 0.1467, 0.2691

Previews

White Background



This preview shows how the XYZ color 29.6317, 29.3275, 38.2814 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 29.6317, 29.3275, 38.2814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

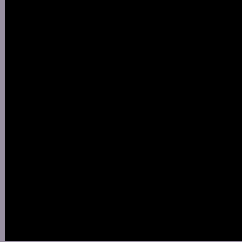
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6317, 29.3275, 38.2814

Background



This preview shows how black text looks on a background with the XYZ color 29.6317, 29.3275, 38.2814.



This preview shows how white text looks on a background with the XYZ color 29.6317, 29.3275,

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

29.6317, 29.3275, 38.2814

Protanopia

28.5668, 29.2219, 38.7851

Deuteranopia

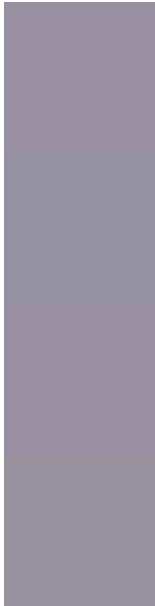
29.8616, 29.2221, 38.2490



Tritanopia

29.0750, 29.3265, 35.5806

Trichromacy



Original Color

29.6317, 29.3275, 38.2814

Protanomaly

28.9490, 29.1910, 38.7590

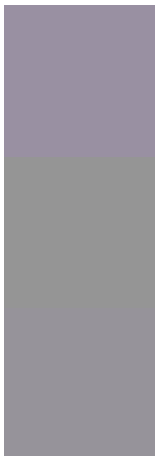
Deuteranomaly

29.6705, 29.1236, 38.2400

Tritanomaly

29.2458, 29.3948, 36.4801

Monochromacy



Original Color

29.6317, 29.3275, 38.2814

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8441, 29.6846, 34.7813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6317, 29.3275, 38.2814 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(153, 144, 162)` looks like.

```
.text, #text, p{  
    color:rgb(153, 144, 162)  
}
```

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(153, 144, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 144, 162) }
```

Border

The CSS property to change the border of an element to XYZ 29.6317, 29.3275, 38.2814 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(153, 144, 162) }
```


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

```
.border{ border-color:rgb(153, 144, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 144, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 144, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 144, 162);  
box-shadow:4px 4px 4px 4px rgb(153, 144,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6317, 29.3275, 38.2814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 144, 162) }
```

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

```
.background{ background-color: rgb(153,  
144, 162) }
```

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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