

Converting Colors

XYZ(29.2632, 29.0019, 38.5047)

Have a look what the booklet for
XYZ(29.2632, 29.0019, 38.5047)
contains.

XYZ(29.1958, 28.8686, 38.6837)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.1958, 28.8686,
38.6837)**

Conversions

Conversions Part 1

Format	Color
Hex	978FA3
RGB	151, 143, 163
RGB Percent	59%, 56%, 64%
CMY	0.4078, 0.4392, 0.3608
CMYK	0.07, 0.12, 0.00, 0.36
HSL	264°, 10%, 60%
HSV	264°, 12%, 64%
XYZ	29.1958, 28.8686, 38.6837
YIQ	147.6720, -1.6520, 7.9160

Conversions

Conversions Part 2

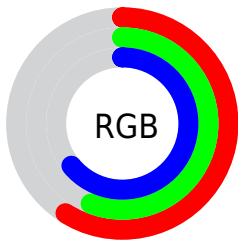
Format	Color
R_{YB}	151, 143, 163
Decimal	9932707
CIE _{Lab}	60.67, 6.91, -9.47
CIE _{LCh}	61, 11.721, 306.113
Yxy	28.8686, 0.3018, 0.2984
Android (android.graphics.Color)	4288122787 (0xFF978FA3)
YUV	147.6720, 7.5567, 2.9187
Hunter-Lab	53.7295, 2.9676, -5.0764

Details

The XYZ color **29.1958, 28.8686, 38.6837** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5738, 35.1469, 31.1080**, and the grayscale version is **27.9825, 29.4398, 32.0600**.

A 20% lighter version of the original color is **57.7980, 57.9736, 74.4734**, and **12.0391, 11.6857, 16.6600** is the 20% darker color. If you saturate the color by 10%, you get **25.1840, 23.4287, 37.8456**, and if you desaturate by 10%, it is **33.7155, 35.0997, 39.6487**.

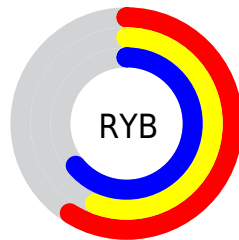
Distribution



Red (59%)

Green (56%)

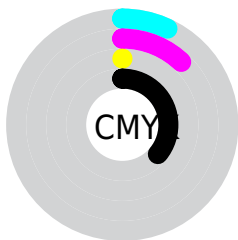
Blue (64%)



Red (59%)

Yellow (56%)

Blue (64%)

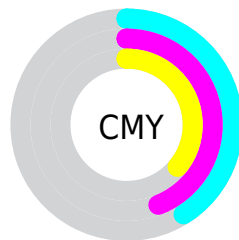


Cyan (7%)

Magenta (12%)

Yellow (0%)

Black (36%)



Cyan (41%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1958, 28.8686, 38.6837 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 29.1958, 28.8686, 38.6837 by changing the saturation by 10% instead.

■ 29.1958, 28.8686,
38.6837

■ 29.1958, 28.8686,
38.6837

290.1152,
296.5945, 355.9296

■ 19.3740, 18.9814,
26.2078

■ 57.7834, 57.8683,
74.3699

■ 12.0465, 11.6569,
16.7520

■ 77.2800, 77.7495,
98.4173

■ 6.8477, 6.5105,
9.8978

■ 100.7322,
101.7310, 127.1589

■ 3.4125, 3.1579,
5.2265

128.5054,
130.1970, 161.0133

■ 1.3755, 1.2147,
2.3197

160.9649,
163.5319, 200.3990

■ 0.2387, 0.0737,
0.7422

198.4762,

■ 0.0000, 0.0000,

202.1202, 245.7346

0.0000

241.4045,
246.3463, 297.4386

■ 29.1958, 28.8686,
38.6837

■ 29.1958, 28.8686,
38.6837

■ 25.1840, 23.4287,
37.8456

■ 33.7155, 35.0997,
39.6487

■ 21.6587, 18.7439,
37.1271

■ 38.7584, 42.1489,
40.7435

■ 18.6005, 14.7808,
36.5234

■ 44.3422, 50.0462,
41.9735

■ 15.9877, 11.5019,
36.0282

■ 50.4833, 58.8191,
43.3432

■ 13.7969, 8.8662,
35.6349

■ 57.1969, 68.4937,
44.8567

12.0022, 6.8282,
35.3361

64.4980, 79.0951,
46.5182

10.5741, 5.3362,
35.1234

71.7258, 89.2974,
48.1065

9.4787, 4.3290,
34.9867

74.7641, 90.8637,
48.2487

8.8034, 3.7746,
34.9153

77.9783, 92.5207,
48.3991

Harmonies

Analogous

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



27.7508, 28.8686, 40.5020



29.1958, 28.8686, 38.6837



30.1959, 28.8686, 34.9421

Triad

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



29.1958, 28.8686, 38.6837



28.6381, 28.8686, 24.3905



24.6368, 28.8686, 32.3319

Complementary

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



29.1958, 28.8686, 38.6837



31.5738, 35.1469, 31.1080

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.



24.8547, 28.8686, 28.1671



29.1958, 28.8686, 38.6837



27.1290, 28.8686, 23.8302

Square

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



29.1958, 28.8686, 38.6837



29.8657, 28.8686, 26.7577



25.7536, 28.8686, 25.1501



25.1470, 28.8686, 36.6234

Rectangle

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



29.1958, 28.8686, 38.6837



30.4561, 28.8686, 32.0033



25.7536, 28.8686, 25.1501



24.6276, 28.8686, 30.8696

Sweetspot

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



29.1967, 28.8698, 38.6843



58.8511, 60.7382, 70.6780



29.7165, 32.0388, 39.2686



13.0812, 13.4526, 15.8447



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.



29.1967, 28.8698, 38.6843



50.0314, 48.6238, 68.8045



31.0650, 29.8330, 38.7718



6.9561, 6.9917, 8.8860



6.8903, 2.9586, 27.1377



0.1973, 0.0892, 0.5727

Inverse Universe

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



30.8441, 29.7993, 35.1380



53.6555, 50.6696, 60.9566



29.7920, 34.2283, 31.0246



7.2438, 7.1540, 8.2702



13.4681, 6.7433, 9.6558



0.3054, 0.1507, 0.3209

Previews

White Background



This preview shows how the XYZ color 29.1958, 28.8686, 38.6837 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 29.1958, 28.8686, 38.6837 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 29.1958, 28.8686, 38.6837

Background



This preview shows how black text looks on a background with the XYZ color 29.1958, 28.8686, 38.6837.



This preview shows how white text looks on a background with the XYZ color 29.1958, 28.8686,

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

29.1958, 28.8686, 38.6837

Protanopia

28.3278, 28.8604, 39.1995

Deuteranopia

29.4207, 28.7627, 38.6514



Tritanopia

28.5517, 28.8308, 35.5126

Trichromacy



Original Color

29.1958, 28.8686, 38.6837

Protanomaly

28.7067, 28.8299, 39.1737

Deuteranomaly

29.2328, 28.6657, 38.6426

Tritanomaly

28.8089, 28.9338, 36.8673

Monochromacy



Original Color

29.1958, 28.8686, 38.6837

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4231, 29.2472, 34.2842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1958, 28.8686, 38.6837 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(151, 143, 163)` looks like.

```
.text, #text, p{  
    color:rgb(151, 143, 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(151, 143, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 143, 163) }
```

Border

The CSS property to change the border of an element to XYZ 29.1958, 28.8686, 38.6837 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(151, 143, 163) }
```


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

```
.border{ border-color:rgb(151, 143, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 143, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 143, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 143, 163);  
box-shadow:4px 4px 4px 4px rgb(151, 143,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1958, 28.8686, 38.6837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 143, 163) }
```

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

```
.background{ background-color: rgb(151,  
143, 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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