

Converting Colors

XYZ(28.2381, 27.7674, 38.6157)

Have a look what the booklet for
XYZ(28.2381, 27.7674, 38.6157)
contains.

XYZ(28.2017, 27.6964, 38.5099)	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(28.2017, 27.6964,
38.5099)**

Conversions

Conversions Part 1

Format	Color
Hex	948CA3
RGB	148, 140, 163
RGB Percent	58%, 55%, 64%
CMY	0.4196, 0.4510, 0.3608
CMYK	0.09, 0.14, 0.00, 0.36
HSL	261°, 11%, 59%
HSV	261°, 14%, 64%
XYZ	28.2017, 27.6964, 38.5099
YIQ	145.0140, -2.6150, 8.8490

Conversions

Conversions Part 2

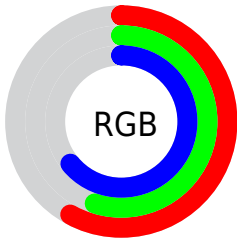
Format	Color
R _Y B	148, 140, 163
Decimal	9735331
CIE Lab	59.61, 7.57, -11.07
CIE LCh	60, 13.411, 304.363
Yxy	27.6964, 0.2987, 0.2934
Android (android.graphics.Color)	4287925411 (0xFF948CA3)
YUV	145.0140, 8.8671, 2.6187
Hunter-Lab	52.6274, 3.5558, -6.5461

Details

The XYZ color **28.2017, 27.6964, 38.5099** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3493, 35.0571, 29.9267**, and the grayscale version is **26.8859, 28.2861, 30.8035**.

A 20% lighter version of the original color is **56.3038, 56.2021, 74.2102**, and **11.4552, 11.0014, 16.5587** is the 20% darker color. If you saturate the color by 10%, you get **24.1588, 22.3351, 37.6886**, and if you desaturate by 10%, it is **32.7757, 33.8567, 39.4583**.

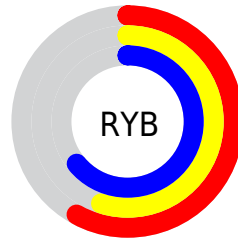
Distribution



Red (58%)

Green (55%)

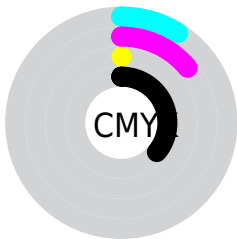
Blue (64%)



Red (58%)

Yellow (55%)

Blue (64%)

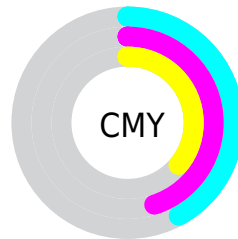


Cyan (9%)

Magenta (14%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2017, 27.6964, 38.5099 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 28.2017, 27.6964, 38.5099 by changing the saturation by 10% instead.

■ 28.2017, 27.6964,
38.5099

■ 28.2017, 27.6964,
38.5099

285.4921,
291.0133, 355.1658

■ 18.6190, 18.0969,
26.0738

■ 56.2127, 55.9994,
74.1011

■ 11.4977, 11.0196,
16.6526

■ 75.3717, 75.4716,
98.0932

■ 6.4724, 6.0800,
9.8278

■ 98.4535, 99.0036,
126.7745

■ 3.1777, 2.8938,
5.1808

125.8235,
126.9798, 160.5633

■ 1.2484, 1.0765,
2.2931

157.8470,
159.7844, 199.8783

■ 0.1441, 0.0000,
0.7274

194.8893,

■ 0.0000, 0.0000,

197.8020, 245.1381

0.0000

237.3159,
241.4168, 296.7611

■ 28.2017, 27.6964,
38.5099

■ 28.2017, 27.6964,
38.5099

■ 24.1588, 22.3351,
37.6886

■ 32.7757, 33.8567,
39.4583

■ 20.6244, 17.7361,
36.9872

■ 37.8975, 40.8439,
40.5370

■ 17.5777, 13.8646,
36.4005

■ 43.5858, 48.6889,
41.7514

■ 14.9955, 10.6820,
35.9223

■ 49.8580, 57.4196,
43.1061

■ 12.8527, 8.1461,
35.5457

■ 56.7304, 67.0631,
44.6052

■ 11.1215, 6.2094,
35.2632

■ 64.2190, 77.6450,
46.2531

■ 9.7702, 4.8182,
35.0658

■ 72.3388, 89.1901,
48.0535

■ 8.7620, 3.9080,
34.9433

■ 75.9920, 91.4966,
48.3062

■ 8.2806, 3.5051,
34.8909

■ 79.5691, 93.3407,
48.4736

Harmonies

Analogous

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



26.5726, 27.6964, 40.4207



28.2017, 27.6964, 38.5099



29.3643, 27.6964, 34.3652

Triad

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



28.2017, 27.6964, 38.5099



27.7558, 27.6964, 22.5204



23.2155, 27.6964, 30.8702

Complementary

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



28.2017, 27.6964, 38.5099



31.3493, 35.0571, 29.9267

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.



23.5023, 27.6964, 26.3065



28.2017, 27.6964, 38.5099



26.0782, 27.6964, 21.7963

Square

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



28.2017, 27.6964, 38.5099



29.0992, 27.6964, 25.2028



24.5327, 27.6964, 23.1082



23.7322, 27.6964, 35.7205

Rectangle

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



28.2017, 27.6964, 38.5099



29.6927, 27.6964, 31.0801



24.5327, 27.6964, 23.1082



23.2213, 27.6964, 29.2517

Sweetspot

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



28.2025, 27.6976, 38.5105



58.7282, 60.6748, 70.6722



29.2039, 31.7745, 39.2447



13.0489, 13.4360, 15.8432



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.



28.2025, 27.6976, 38.5105



48.0843, 46.3716, 68.4724



30.3209, 28.7896, 38.6097



6.9220, 6.9741, 8.8844



6.4806, 2.7473, 27.1185



0.1857, 0.0832, 0.5721

Inverse Universe

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



30.3997, 28.9104, 34.9896



52.8359, 48.9962, 60.7885



29.3043, 34.0028, 29.8309



7.2592, 7.1601, 8.3513



13.7953, 6.8742, 11.3786



0.3109, 0.1528, 0.3496

Previews

White Background



This preview shows how the XYZ color 28.2017, 27.6964, 38.5099 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 28.2017, 27.6964, 38.5099 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 28.2017, 27.6964, 38.5099

Background



This preview shows how black text looks on a background with the XYZ color 28.2017, 27.6964, 38.5099.



This preview shows how white text looks on a background with the XYZ color 28.2017, 27.6964,

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

28.2017, 27.6964, 38.5099

Protanopia

27.2797, 27.6381, 39.4942

Deuteranopia

28.2017, 27.6964, 38.5099



Tritanopia

27.2768, 27.7569, 34.0570

Trichromacy



Original Color

28.2017, 27.6964, 38.5099

Protanomaly

27.5534, 27.5697, 38.9912

Deuteranomaly

28.2017, 27.6964, 38.5099

Tritanomaly

27.6433, 27.6871, 35.7855

Monochromacy



Original Color

28.2017, 27.6964, 38.5099

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.3440, 28.0229, 33.6735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2017, 27.6964, 38.5099 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, 140, 163) looks like.

```
.text, #text, p{  
    color:rgb(148, 140, 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(148, 140, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 140, 163) }
```

Border

The CSS property to change the border of an element to XYZ 28.2017, 27.6964, 38.5099 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, 140, 163) }
```


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

```
.border{ border-color:rgb(148, 140, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 140, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 140, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 140, 163);  
box-shadow:4px 4px 4px 4px rgb(148, 140,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2017, 27.6964, 38.5099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 140, 163) }
```

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

```
.background{ background-color: rgb(148,  
140, 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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