

Converting Colors

XYZ(26.9019, 29.6231, 38.1632)

Have a look what the booklet for
XYZ(26.9019, 29.6231, 38.1632)
contains.

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Color

**XYZ(26.8597, 29.5317,
38.0027)**

Conversions

Conversions Part 1

Format	Color
Hex	8397A1
RGB	131, 151, 161
RGB Percent	51%, 59%, 63%
CMY	0.4863, 0.4078, 0.3686
CMYK	0.19, 0.06, 0.00, 0.37
HSL	200°, 14%, 57%
HSV	200°, 19%, 63%
XYZ	26.8597, 29.5317, 38.0027
YIQ	146.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

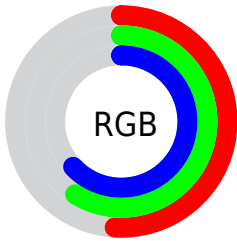
Format	Color
RYB	131, 143, 161
Decimal	8624033
CIELab	61.25, -4.85, -7.63
CIELCh	61, 9.041, 237.542
Yxy	29.5317, 0.2845, 0.3129
Android (android.graphics.Color)	4286814113 (0xFF8397A1)
YUV	146.1600, 7.3161, -13.2953
Hunter-Lab	54.3431, -6.8747, -3.4220

Details

The XYZ color **26.8597, 29.5317, 38.0027** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.3198, 28.2655, 25.4366**, and the grayscale version is **27.3633, 28.7883, 31.3505**.

A 20% lighter version of the original color is **53.9932, 58.8109, 73.4716**, and **10.7650, 11.9895, 16.4987** is the 20% darker color. If you saturate the color by 10%, you get **23.7135, 26.6576, 37.6142**, and if you desaturate by 10%, it is **30.4345, 32.6866, 38.4237**.

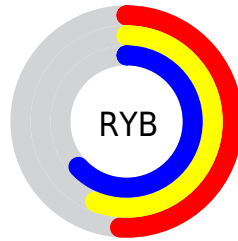
Distribution



Red (51%)

Green (59%)

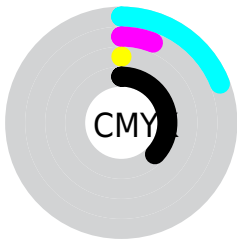
Blue (63%)



Red (51%)

Yellow (56%)

Blue (63%)

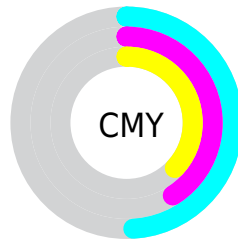


Cyan (19%)

Magenta (6%)

Yellow (0%)

Black (37%)



Cyan (49%)

Magenta (41%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8597, 29.5317, 38.0027 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 26.8597, 29.5317, 38.0027 by changing the saturation by 10% instead.

■ 26.8597, 29.5317,
38.0027

■ 26.8597, 29.5317,
38.0027

279.1571,
299.7155, 352.9301

■ 17.6039, 19.4834,
25.6829

■ 54.0801, 58.9208,
73.3157

■ 10.7640, 12.0201,
16.3630

■ 72.7755, 79.0304,
97.1461

■ 5.9745, 6.7574,
9.6242

■ 95.3481, 103.2625,
125.6504

■ 2.8701, 3.3108,
5.0482

122.1633,
132.0016, 159.2472

■ 1.0854, 1.2961,
2.2163

153.5864,
165.6321, 198.3550

■ 0.0129, 0.1382,
0.6838

189.9829,

■ 0.0000, 0.0000,

204.5383, 243.3924

0.0000

231.7180,
249.1046, 294.7779

■ 26.8597, 29.5317,
38.0027

■ 26.8597, 29.5317,
38.0027

■ 23.7135, 26.6576,
37.6142

■ 30.4345, 32.6866,
38.4237

■ 20.9749, 24.0504,
37.2554

■ 34.4524, 36.1283,
38.8763

■ 18.6250, 21.7005,
36.9256

■ 38.9305, 39.8671,
39.3619

■ 16.6423, 19.5958,
36.6239

■ 43.8842, 43.9117,
39.8815

■ 15.0029, 17.7233,
36.3489

■ 49.3281, 48.2702,
40.4359

■ 13.6802, 16.0685,
36.0991

■ 55.2762, 52.9506,
41.0258

■ 12.6430, 14.6142,
35.8731

■ 61.7419, 57.9605,
41.6520

■ 11.8314, 13.3290,
35.6678

■ 66.9490, 62.3850,
42.2316

■ 11.7268, 13.1606,
35.6408

■ 68.1643, 64.8156,
42.6367

Harmonies

Analogous

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



26.0901, 29.5317, 35.2788



26.8597, 29.5317, 38.0027



27.9710, 29.5317, 39.1508

Triad

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



26.8597, 29.5317, 38.0027



30.4158, 29.5317, 32.4367



27.0250, 29.5317, 26.6914

Complementary

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



26.8597, 29.5317, 38.0027



28.3198, 28.2655, 25.4366

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.



28.1672, 29.5317, 26.0465



26.8597, 29.5317, 38.0027



30.1455, 29.5317, 29.2212

Square

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



26.8597, 29.5317, 38.0027



30.0428, 29.5317, 35.7989



29.3141, 29.5317, 26.9402



26.1836, 29.5317, 28.7672

Rectangle

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



26.8597, 29.5317, 38.0027



28.7638, 29.5317, 38.8115



29.3141, 29.5317, 26.9402



27.3855, 29.5317, 26.3068

Sweetspot

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



26.8606, 29.5329, 38.0034



56.2422, 60.0424, 69.0116



26.8761, 32.2238, 29.8086



12.2435, 13.0894, 15.1249



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.8606, 29.5329, 38.0034



45.8857, 50.8861, 67.7901



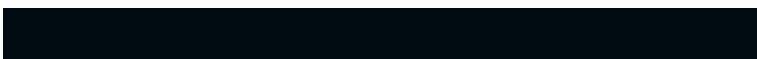
24.6684, 25.1486, 37.2727



7.0763, 7.6116, 8.9993



9.4042, 10.5878, 28.4778



0.2382, 0.3037, 0.6119

Inverse Universe

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



28.4008, 26.0447, 32.8097



49.1491, 43.6838, 56.7444



30.5999, 32.8257, 26.1966



7.2635, 7.1618, 8.3739



13.8923, 6.9130, 11.8892



0.3124, 0.1535, 0.3578

Previews

White Background



This preview shows how the XYZ color 26.8597, 29.5317, 38.0027 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 26.8597, 29.5317, 38.0027 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

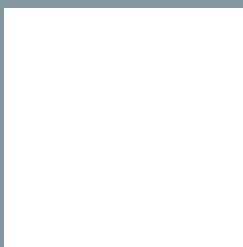
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8597, 29.5317, 38.0027

Background



This preview shows how black text looks on a background with the XYZ color 26.8597, 29.5317, 38.0027.



This preview shows how white text looks on a background with the XYZ color 26.8597, 29.5317,

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

26.8597, 29.5317, 38.0027

Protanopia

28.6379, 29.5391, 36.5400

Deuteranopia

30.1017, 29.5594, 38.7693



Tritanopia

27.0375, 29.6029, 38.9392

Trichromacy



Original Color

26.8597, 29.5317, 38.0027

Protanomaly

27.8324, 29.3457, 36.9983

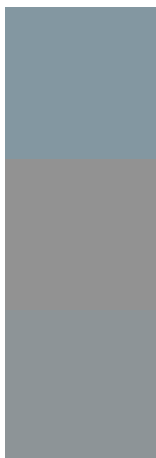
Deuteranomaly

28.8094, 29.5871, 38.3749

Tritanomaly

26.9483, 29.5671, 38.4691

Monochromacy



Original Color

26.8597, 29.5317, 38.0027

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.1603, 29.0769, 33.4591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8597, 29.5317, 38.0027 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(131, 151, 161)` looks like.

```
.text, #text, p{  
    color:rgb(131, 151, 161)  
}
```

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(131, 151, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 151, 161) }
```

Border

The CSS property to change the border of an element to XYZ 26.8597, 29.5317, 38.0027 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(131, 151, 161) }
```


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

```
.border{ border-color:rgb(131, 151, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 151, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 151, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 151, 161);  
box-shadow:4px 4px 4px 4px rgb(131, 151,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8597, 29.5317, 38.0027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 151, 161) }
```

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

```
.background{ background-color: rgb(131,  
151, 161) }
```

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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