

Converting Colors

XYZ(29.0542, 31.0583, 38.4044)

Have a look what the booklet for
XYZ(29.0542, 31.0583, 38.4044)
contains.

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Color

**XYZ(29.1519, 31.1953,
38.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	8F99A1
RGB	143, 153, 161
RGB Percent	56%, 60%, 63%
CMY	0.4392, 0.4000, 0.3686
CMYK	0.11, 0.05, 0.00, 0.37
HSL	207°, 9%, 60%
HSV	207°, 11%, 63%
XYZ	29.1519, 31.1953, 38.2030
YIQ	150.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

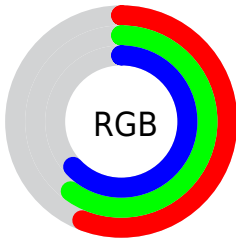
Format	Color
RYB	143, 149, 161
Decimal	9410977
CIELab	62.67, -1.91, -5.42
CIElCh	63, 5.747, 250.584
Yxy	31.1953, 0.2958, 0.3165
Android (android.graphics.Color)	4287601057 (0xFF8F99A1)
YUV	150.9220, 4.9685, -6.9476
Hunter-Lab	55.8528, -4.5757, -1.4571

Details

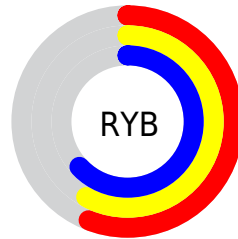
The XYZ color **29.1519, 31.1953, 38.2030** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7225, 31.6931, 30.4852**, and the grayscale version is **29.3648, 30.8941, 33.6436**.

A 20% lighter version of the original color is **57.7335, 61.4538, 73.7846**, and **12.0800, 12.9557, 16.6159** is the 20% darker color. If you saturate the color by 10%, you get **25.4266, 27.5893, 37.7038**, and if you desaturate by 10%, it is **33.3493, 35.1506, 38.7457**.

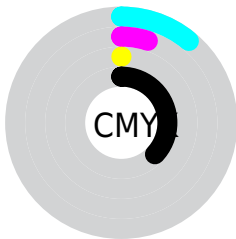
Distribution



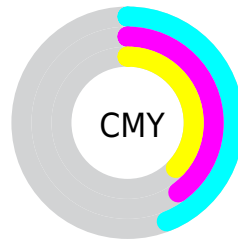
- Red (56%)
- Green (60%)
- Blue (63%)



- Red (56%)
- Yellow (58%)
- Blue (63%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (37%)



- Cyan (44%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1519, 31.1953, 38.2030 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 29.1519, 31.1953, 38.2030 by changing the saturation by 10% instead.

■ 29.1519, 31.1953,
38.2030

■ 29.1519, 31.1953,
38.2030

289.9123,
307.4371, 353.8142

■ 19.3406, 20.7476,
25.8372

■ 57.7142, 61.5474,
73.6260

■ 12.0221, 12.9396,
16.4772

■ 77.1960, 82.2206,
97.5204

■ 6.8311, 7.3870,
9.7045

100.6319,
107.0712, 126.0947

■ 3.4021, 3.7053,
5.1004

128.3875,
136.4834, 159.7675

■ 1.3698, 1.5101,
2.2465

160.8279,
170.8417, 198.9573

■ 0.2345, 0.2958,
0.7010

198.3186,

■ 0.0000, 0.0000,

210.5305, 244.0827

0.0000

241.2250,
255.9341, 295.5621

■ 29.1519, 31.1953,
38.2030

■ 29.1519, 31.1953,
38.2030

■ 25.4266, 27.5893,
37.7038

■ 33.3493, 35.1506,
38.7457

■ 22.1524, 24.3174,
37.2448

■ 38.0332, 39.4618,
39.3310

■ 19.3109, 21.3691,
36.8255

■ 43.2207, 44.1403,
39.9606

■ 16.8811, 18.7317,
36.4445

■ 48.9272, 49.1958,
40.6357

■ 14.8402, 16.3914,
36.1004

■ 55.1676, 54.6375,
41.3571

■ 13.1629, 14.3333,
35.7915

■ 61.9560, 60.4744,
42.1260

■ 11.8206, 12.5403,
35.5162

■ 69.0473, 66.5816,
42.9310

■ 10.7798, 10.9932,
35.2724

■ 70.7767, 70.0404,
43.5075

■ 10.0445, 9.7960,
35.0801

■ 72.5851, 73.6572,
44.1103

Harmonies

Analogous

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



28.5200, 31.1953, 36.8532



29.1519, 31.1953, 38.2030



29.9280, 31.1953, 38.3894

Triad

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



29.1519, 31.1953, 38.2030



31.1568, 31.1953, 33.1795



28.6803, 31.1953, 30.7920

Complementary

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



29.1519, 31.1953, 38.2030



30.7225, 31.6931, 30.4852

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.



29.3742, 31.1953, 29.8968



29.1519, 31.1953, 38.2030



30.8098, 31.1953, 31.2344

Square

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



29.1519, 31.1953, 38.2030



31.0948, 31.1953, 35.4218



30.1541, 31.1953, 30.0552



28.2511, 31.1953, 32.5513

Rectangle

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



29.1519, 31.1953, 38.2030



30.4238, 31.1953, 37.8203



30.1541, 31.1953, 30.0552



28.8898, 31.1953, 30.3836

Sweetspot

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



29.1528, 31.1966, 38.2037



58.2492, 61.5740, 69.2014



29.6427, 33.5577, 34.1085



12.6427, 13.3804, 15.1600



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.



29.1528, 31.1966, 38.2037



50.7642, 54.4861, 68.2278



27.7648, 28.4205, 37.7410



7.0115, 7.4820, 8.9777



8.0632, 7.9059, 28.0308



0.2156, 0.2585, 0.6044

Inverse Universe

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



30.2708, 29.5225, 34.2415



53.1144, 51.0241, 59.8860



32.1925, 34.6330, 30.9752



7.2308, 7.1488, 8.2017



13.2154, 6.6422, 8.3250



0.3010, 0.1489, 0.2977

Previews

White Background



This preview shows how the XYZ color 29.1519, 31.1953, 38.2030 looks on a white background.

Color Contrast Check

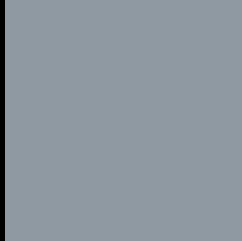
Large Text (above 18pt) WCAG AA × Fail

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 29.1519, 31.1953, 38.2030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

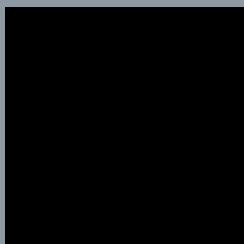
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

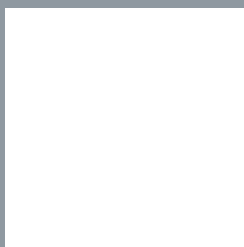
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1519, 31.1953, 38.2030

Background



This preview shows how black text looks on a background with the XYZ color 29.1519, 31.1953, 38.2030.



This preview shows how white text looks on a background with the XYZ color 29.1519, 31.1953,

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

29.1519, 31.1953, 38.2030

Protanopia

30.2735, 31.3118, 37.2491

Deuteranopia

31.6532, 31.0531, 38.5080



Tritanopia

29.5214, 31.1024, 40.0447

Trichromacy



Original Color

29.1519, 31.1953, 38.2030

Protanomaly

29.9678, 31.3841, 37.7360

Deuteranomaly

30.5955, 30.9736, 38.5484

Tritanomaly

29.4307, 31.0661, 39.5672

Monochromacy



Original Color

29.1519, 31.1953, 38.2030

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.3574, 31.1189, 35.4696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1519, 31.1953, 38.2030 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(143, 153, 161)` looks like.

```
.text, #text, p{  
    color:rgb(143, 153, 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(143, 153, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 153, 161) }
```

Border

The CSS property to change the border of an element to XYZ 29.1519, 31.1953, 38.2030 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(143, 153, 161) }
```


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

```
.border{ border-color:rgb(143, 153, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 153, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 153, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 153, 161);  
box-shadow:4px 4px 4px 4px rgb(143, 153,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1519, 31.1953, 38.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 153, 161) }
```

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

```
.background{ background-color: rgb(143,  
153, 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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