

Converting Colors

XYZ(28.5388, 31.9191, 47.5187)

Have a look what the booklet for
XYZ(28.5388, 31.9191, 47.5187)
contains.

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Color

**XYZ(28.5319, 31.9193,
47.3051)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9EB3
RGB	123, 158, 179
RGB Percent	48%, 62%, 70%
CMY	0.5176, 0.3804, 0.2980
CMYK	0.31, 0.12, 0.00, 0.30
HSL	202°, 27%, 59%
HSV	202°, 31%, 70%
XYZ	28.5319, 31.9193, 47.3051
YIQ	149.9290, -27.6010, -0.8890

Conversions

Conversions Part 2

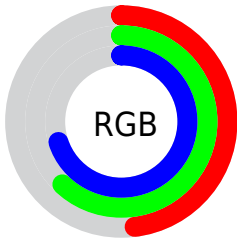
Format	Color
R_{YB}	123, 145, 179
Decimal	8101555
CIE _{Lab}	63.28, -6.92, -14.79
CIE _{LCh}	63, 16.333, 244.927
Yxy	31.9193, 0.2648, 0.2962
Android (android.graphics.Color)	4286291635 (0xFF7B9EB3)
YUV	149.9290, 14.3320, -23.6167
Hunter-Lab	56.4972, -8.7249, -10.0955

Details

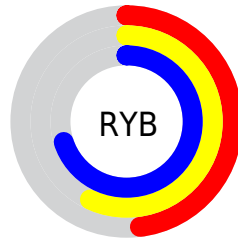
The XYZ color **28.5319, 31.9193, 47.3051** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.1393, 30.9607, 23.0218**, and the grayscale version is **28.9096, 30.4152, 33.1221**.

A 20% lighter version of the original color is **56.9211, 62.9338, 87.7446**, and **11.6961, 13.3995, 21.7086** is the 20% darker color. If you saturate the color by 10%, you get **25.0880, 28.4911, 46.8255**, and if you desaturate by 10%, it is **32.5085, 35.7165, 47.8290**.

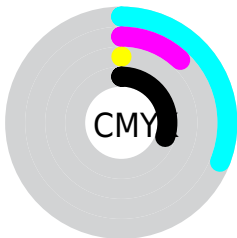
Distribution



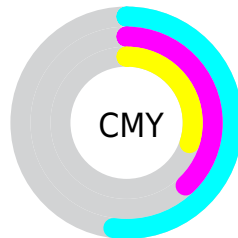
- Red (48%)
- Green (62%)
- Blue (70%)



- Red (48%)
- Yellow (57%)
- Blue (70%)



- Cyan (31%)
- Magenta (12%)
- Yellow (0%)
- Black (30%)



- Cyan (52%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5319, 31.9193, 47.3051 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 28.5319, 31.9193, 47.3051 by changing the saturation by 10% instead.

■ 28.5319, 31.9193,
47.3051

■ 28.5319, 31.9193,
47.3051

287.0341,
310.7515, 392.4600

■ 18.8695, 21.2999,
32.9208

■ 56.7353, 62.6846,
87.5236

■ 11.6795, 13.3434,
21.7952

■ 76.0069, 83.5992,
114.1949

■ 6.5964, 7.6654,
13.5096

■ 99.2124, 108.7143,
145.7990

■ 3.2551, 3.8816,
7.6456

126.7170,
138.4143, 182.7544

■ 1.2901, 1.6076,
3.7845

158.8861,
173.0837, 225.4797

■ 0.1758, 0.3627,
1.5079

196.0851,

■ 0.0000, 0.0000,

213.1067, 274.3934

0.2238

238.6793,
258.8679, 329.9140

■ 0.0000, 0.0000,
0.0000

■ 28.5319, 31.9193,
47.3051

■ 28.5319, 31.9193,
47.3051

■ 25.0880, 28.4911,
46.8255

■ 32.5085, 35.7165,
47.8290

■ 22.1473, 25.4130,
46.3863

■ 37.0395, 39.8930,
48.3963

■ 19.6819, 22.6697,
45.9867

■ 42.1488, 44.4632,
49.0092

■ 17.6594, 20.2431,
45.6250

■ 47.8579, 49.4398,
49.6688

■ 16.0434, 18.1128,
45.2989

■ 54.1874, 54.8345,
50.3765

■ 14.7904, 16.2548,
45.0063

■ 61.1566, 60.6588,
51.1334

■ 13.9177, 14.8165,
44.7747

■ 68.7842, 66.9235,
51.9406

■ 72.8453, 71.4518,
52.6006

■ 74.5552, 74.8715,
53.1706

Harmonies

Analogous

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



26.9096, 31.9193, 42.3870



28.5319, 31.9193, 47.3051



30.7135, 31.9193, 48.7040

Triad

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



28.5319, 31.9193, 47.3051



34.8822, 31.9193, 33.6955



27.9152, 31.9193, 25.5079

Complementary

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



28.5319, 31.9193, 47.3051



32.1393, 30.9607, 23.0218

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.



29.9662, 31.9193, 23.7609



28.5319, 31.9193, 47.3051



34.0467, 31.9193, 28.0984

Square

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



28.5319, 31.9193, 47.3051



34.4518, 31.9193, 40.3063



32.2195, 31.9193, 24.6471



26.5661, 31.9193, 29.7378

Rectangle

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



28.5319, 31.9193, 47.3051



32.2090, 31.9193, 47.3215



32.2195, 31.9193, 24.6471



28.5415, 31.9193, 24.6365

Sweetspot

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



28.5329, 31.9206, 47.3058



68.1985, 73.1314, 86.9025



29.2876, 38.4512, 32.0779



14.8289, 15.9488, 19.2191



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.5329, 31.9206, 47.3058



46.4716, 52.5866, 84.0821



24.3507, 23.5562, 45.9118



8.4695, 9.0853, 10.8136



9.8988, 10.5980, 31.6609



0.3653, 0.4411, 1.0141

Inverse Universe

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



31.8457, 26.2191, 35.7314



53.5557, 41.1945, 59.1523



36.8301, 40.3422, 24.5854



8.7122, 8.5916, 9.9829



15.2311, 7.6100, 11.6430



0.5064, 0.2503, 0.5094

Previews

White Background



This preview shows how the XYZ color 28.5319, 31.9193, 47.3051 looks on a white background.

Color Contrast Check

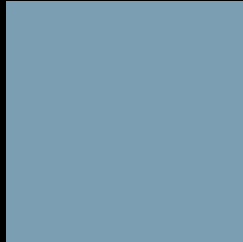
Large Text (above 18pt) WCAG AA × Fail

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 28.5319, 31.9193, 47.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

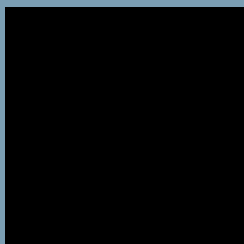
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

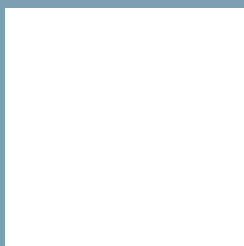
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5319, 31.9193, 47.3051

Background



This preview shows how black text looks on a background with the XYZ color 28.5319, 31.9193, 47.3051.



This preview shows how white text looks on a background with the XYZ color 28.5319, 31.9193,

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

28.5319, 31.9193, 47.3051

Protanopia

31.3605, 31.9412, 45.0698

Deuteranopia

32.4144, 31.7011, 48.1266



Tritanopia

27.7297, 31.8398, 43.7139

Trichromacy



Original Color

28.5319, 31.9193, 47.3051

Protanomaly

30.2073, 31.8212, 45.6243

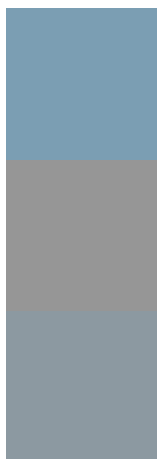
Deuteranomaly

30.7941, 31.5914, 47.6547

Tritanomaly

28.1620, 32.0290, 45.2554

Monochromacy



Original Color

28.5319, 31.9193, 47.3051

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.6395, 30.9311, 38.1791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5319, 31.9193, 47.3051 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(123, 158, 179)` looks like.

```
.text, #text, p{  
    color:rgb(123, 158, 179)  
}
```

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(123, 158, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 158, 179) }
```

Border

The CSS property to change the border of an element to XYZ 28.5319, 31.9193, 47.3051 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(123, 158, 179) }
```


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

```
.border{ border-color:rgb(123, 158, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 158, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 158, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 158, 179);  
box-shadow:4px 4px 4px 4px rgb(123, 158,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5319, 31.9193, 47.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 158, 179) }
```

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

```
.background{ background-color: rgb(123,  
158, 179) }
```

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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