

Converting Colors

XYZ(27.5527, 31.5870, 47.1502)

Have a look what the booklet for
XYZ(27.5527, 31.5870, 47.1502)
contains.

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Color

**XYZ(27.6051, 31.6958,
47.3108)**

Conversions

Conversions Part 1

Format	Color
Hex	739FB3
RGB	115, 159, 179
RGB Percent	45%, 62%, 70%
CMY	0.5490, 0.3765, 0.2980
CMYK	0.36, 0.11, 0.00, 0.30
HSL	199°, 30%, 58%
HSV	199°, 36%, 70%
XYZ	27.6051, 31.6958, 47.3108
YIQ	148.1240, -32.6440, -3.1080

Conversions

Conversions Part 2

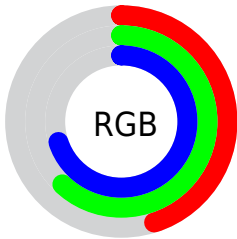
Format	Color
RYB	115, 141, 179
Decimal	7577523
CIELab	63.09, -9.79, -15.12
CIElCh	63, 18.011, 237.085
Yxy	31.6958, 0.2589, 0.2973
Android (android.graphics.Color)	4285767603 (0xFF739FB3)
YUV	148.1240, 15.2219, -29.0497
Hunter-Lab	56.2990, -10.9994, -10.4149

Details

The XYZ color **27.6051, 31.6958, 47.3108** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.3495, 28.1500, 20.0545**, and the grayscale version is **28.1491, 29.6151, 32.2508**.

A 20% lighter version of the original color is **55.4041, 62.5263, 87.7459**, and **11.1784, 13.2882, 21.7144** is the 20% darker color. If you saturate the color by 10%, you get **24.5359, 28.7185, 46.8984**, and if you desaturate by 10%, it is **31.1768, 34.9983, 47.7605**.

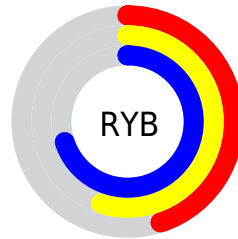
Distribution



Red (45%)

Green (62%)

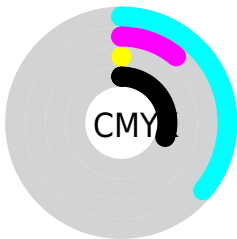
Blue (70%)



Red (45%)

Yellow (55%)

Blue (70%)

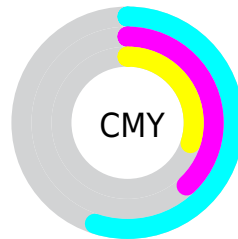


Cyan (36%)

Magenta (11%)

Yellow (0%)

Black (30%)



Cyan (55%)

Magenta (38%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6051, 31.6958, 47.3108 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 27.6051, 31.6958, 47.3108 by changing the saturation by 10% instead.

■ 27.6051, 31.6958,
47.3108

■ 27.6051, 31.6958,
47.3108

282.6895,
309.7312, 392.4834

■ 18.1671, 21.1293,
32.9253

■ 55.2664, 62.3339,
87.5322

■ 11.1705, 13.2185,
21.7986

■ 74.2205, 83.1742,
114.2052

■ 6.2497, 7.5792,
13.5121

■ 97.0772, 108.2080,
145.8111

■ 3.0396, 3.8269,
7.6472

124.2021,
137.8195, 182.7685

■ 1.1748, 1.5772,
3.7856

155.9604,
172.3931, 225.4959

■ 0.0863, 0.3422,
1.5085

192.7175,

■ 0.0000, 0.0000,

212.3134, 274.4118

0.2242

234.8387,
257.9646, 329.9348

■ 0.0000, 0.0000,
0.0000

■ 27.6051, 31.6958,
47.3108

■ 27.6051, 31.6958,
47.3108

■ 24.5359, 28.7185,
46.8984

■ 31.1768, 34.9983,
47.7605

■ 21.9392, 26.0478,
46.5198

■ 35.2732, 38.6359,
48.2468

■ 19.7861, 23.6687,
46.1741

■ 39.9183, 42.6227,
48.7715

■ 18.0430, 21.5631,
45.8595

■ 45.1341, 46.9708,
49.3358

■ 16.6713, 19.7100,
45.5741

■ 50.9409, 51.6914,
49.9410

■ 15.6217, 18.0832,
45.3154

■ 57.3585, 56.7954,
50.5879

■ 15.2280, 17.4371,
45.2115

■ 64.4053, 62.2933,
51.2777

■ 70.9104, 67.5820,
51.9556

■ 72.2618, 70.2847,
52.4061

Harmonies

Analogous

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



26.0716, 31.6958, 41.1196



27.6051, 31.6958, 47.3108



29.8838, 31.6958, 50.0490

Triad

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



27.6051, 31.6958, 47.3108



35.1506, 31.6958, 35.2114



28.0037, 31.6958, 23.7120

Complementary

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



27.6051, 31.6958, 47.3108



30.3495, 28.1500, 20.0545

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.



30.3694, 31.6958, 22.5766



27.6051, 31.6958, 47.3108



34.5801, 31.6958, 28.6520

Square

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



27.6051, 31.6958, 47.3108



34.3147, 31.6958, 42.4881



32.7957, 31.6958, 24.2575



26.2927, 31.6958, 27.6012

Rectangle

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



27.6051, 31.6958, 47.3108



31.5506, 31.6958, 49.3022



32.7957, 31.6958, 24.2575



28.7448, 31.6958, 23.0210

Sweetspot

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



27.6061, 31.6970, 47.3115



66.8475, 72.3770, 86.8281



27.5082, 37.6126, 28.4385



14.5672, 15.8259, 19.2092



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.



27.6061, 31.6970, 47.3115



44.9867, 52.4690, 84.1376



22.9009, 22.2867, 45.7431



8.5142, 9.1746, 10.8285



10.8207, 12.4419, 31.9682



0.3897, 0.4900, 1.0223

Inverse Universe

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



30.9800, 24.3493, 35.8693



52.1100, 37.9506, 59.7569



35.3582, 38.1675, 21.7241



8.7347, 8.6006, 10.1015



15.6965, 7.7961, 14.0934



0.5187, 0.2552, 0.5743

Previews

White Background



This preview shows how the XYZ color 27.6051, 31.6958, 47.3108 looks on a white background.

Color Contrast Check

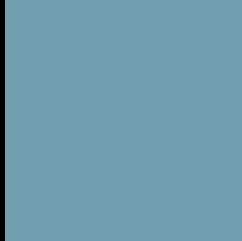
Large Text (above 18pt) WCAG AA × Fail

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 27.6051, 31.6958, 47.3108 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 27.6051, 31.6958, 47.3108

Background



This preview shows how black text looks on a background with the XYZ color 27.6051, 31.6958, 47.3108.



This preview shows how white text looks on a background with the XYZ color 27.6051, 31.6958,

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

27.6051, 31.6958, 47.3108

Protanopia

30.9193, 31.4851, 44.4920

Deuteranopia

32.2248, 31.6034, 48.1177



Tritanopia

26.9237, 31.6695, 44.2289

Trichromacy



Original Color

27.6051, 31.6958, 47.3108

Protanomaly

29.5454, 31.4800, 45.5933

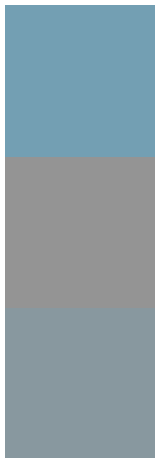
Deuteranomaly

30.2769, 31.5667, 47.6772

Tritanomaly

27.2481, 31.8142, 45.2621

Monochromacy



Original Color

27.6051, 31.6958, 47.3108

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.6396, 30.1939, 37.1721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6051, 31.6958, 47.3108 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(115, 159, 179)` looks like.

```
.text, #text, p{  
    color:rgb(115, 159, 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(115, 159, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 159, 179) }
```

Border

The CSS property to change the border of an element to XYZ 27.6051, 31.6958, 47.3108 is called "border". The border property can be set on classes, ids or directly on the HTML element.

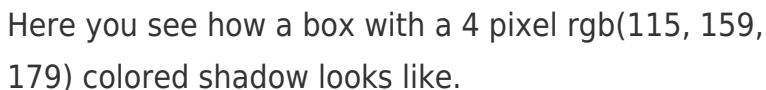
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 159, 179) }
```


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

```
.border{ border-color:rgb(115, 159, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 159, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 159, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 159, 179); box-shadow:4px 4px 4px 4px rgb(115, 159, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6051, 31.6958, 47.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 159, 179) }
```

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

```
.background{ background-color: rgb(115,  
159, 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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