

Converting Colors

XYZ(27.3953, 31.7327, 43.8495)

Have a look what the booklet for
XYZ(27.3953, 31.7327, 43.8495)
contains.

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Color

**XYZ(27.3157, 31.6264,
43.6945)**

Conversions

Conversions Part 1

Format	Color
Hex	769FAC
RGB	118, 159, 172
RGB Percent	46%, 62%, 67%
CMY	0.5372, 0.3765, 0.3255
CMYK	0.31, 0.08, 0.00, 0.33
HSL	194°, 25%, 57%
HSV	194°, 31%, 67%
XYZ	27.3157, 31.6264, 43.6945
YIQ	148.2230, -28.6090, -4.6490

Conversions

Conversions Part 2

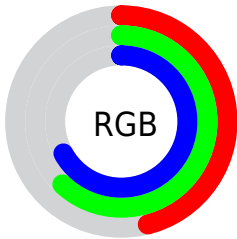
Format	Color
RYB	118, 141, 172
Decimal	7774124
CIELab	63.03, -10.70, -11.26
CIElCh	63, 15.530, 226.455
Yxy	31.6264, 0.2661, 0.3081
Android (android.graphics.Color)	4285964204 (0xFF769FAC)
YUV	148.2230, 11.7221, -26.5056
Hunter-Lab	56.2374, -11.7141, -6.7002

Details

The XYZ color **27.3157, 31.6264, 43.6945** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.3999, 26.3114, 20.7219**, and the grayscale version is **28.2033, 29.6720, 32.3128**.

A 20% lighter version of the original color is **54.9250, 62.4098, 81.8245**, and **11.0675, 13.2745, 19.7482** is the 20% darker color. If you saturate the color by 10%, you get **24.4897, 29.1310, 43.3623**, and if you desaturate by 10%, it is **30.5934, 34.3916, 44.0560**.

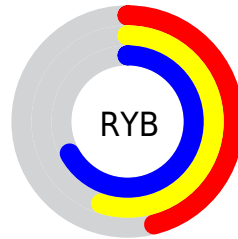
Distribution



Red (46%)

Green (62%)

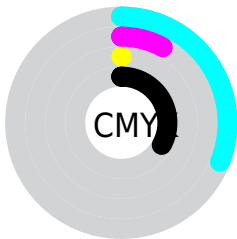
Blue (67%)



Red (46%)

Yellow (55%)

Blue (67%)

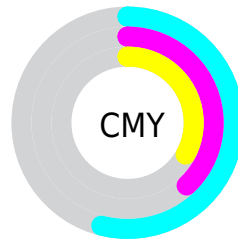


Cyan (31%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3157, 31.6264, 43.6945 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 27.3157, 31.6264, 43.6945 by changing the saturation by 10% instead.

■ 27.3157, 31.6264,
43.6945

■ 27.3157, 31.6264,
43.6945

281.3222,
309.4138, 377.4650

■ 17.9483, 21.0763,
30.0950

■ 54.8064, 62.2249,
82.0554

■ 11.0123, 13.1798,
19.6580

■ 73.6603, 83.0422,
107.6539

■ 6.1425, 7.5525,
11.9651

■ 96.4072, 108.0506,
138.0891

■ 2.9734, 3.8099,
6.5977

123.4123,
137.6345, 173.7796

■ 1.1397, 1.5678,
3.1372

155.0410,
172.1784, 215.1438

■ 0.0579, 0.3358,
1.1651

191.6586,

■ 0.0000, 0.0000,

212.0667, 262.6005

0.0000

233.6306,
257.6837, 316.5680

■ 27.3157, 31.6264,
43.6945

■ 27.3157, 31.6264,
43.6945

■ 24.4897, 29.1310,
43.3623

■ 30.5934, 34.3916,
44.0560

■ 22.0892, 26.8892,
43.0561

■ 34.3415, 37.4343,
44.4458

■ 20.0894, 24.8888,
42.7754

■ 38.5813, 40.7665,
44.8655

■ 18.4618, 23.1146,
42.5187

■ 43.3316, 44.3983,
45.3161

■ 17.1741, 21.5496,
42.2845

■ 48.6105, 48.3394,
45.7986

■ 16.1878, 20.1736,
42.0709

■ 54.4351, 52.5988,
46.3138

■ 15.5091, 19.1038,
41.9002

■ 60.8216, 57.1852,
46.8624

■ 67.5634, 61.9925,
47.4350

■ 68.4861, 63.8379,
47.7425

Harmonies

Analogous

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



26.2870, 31.6264, 37.8798



27.3157, 31.6264, 43.6945



29.1073, 31.6264, 47.1975

Triad

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



27.3157, 31.6264, 43.6945



34.2365, 31.6264, 37.2676



28.9104, 31.6264, 24.3332

Complementary

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



27.3157, 31.6264, 43.6945



28.3999, 26.3114, 20.7219

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.



31.0331, 31.6264, 24.2106



27.3157, 31.6264, 43.6945



34.1776, 31.6264, 31.2071

Square

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



27.3157, 31.6264, 43.6945



33.1394, 31.6264, 43.2007



32.9821, 31.6264, 26.5871



27.1774, 31.6264, 26.9446

Rectangle

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



27.3157, 31.6264, 43.6945



30.5245, 31.6264, 47.5102



32.9821, 31.6264, 26.5871



29.6001, 31.6264, 24.0113

Sweetspot

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



27.3167, 31.6277, 43.6952



63.9390, 69.2144, 80.7955



26.2940, 34.9850, 26.6984



13.6687, 14.8618, 17.5359



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.3167, 31.6277, 43.6952



45.7408, 54.0297, 78.8237



23.2238, 23.4420, 42.3309



8.0705, 8.7404, 10.2144



11.5853, 14.3045, 31.1949



0.3613, 0.4759, 0.8808

Inverse Universe

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



29.7504, 24.2314, 35.9115



50.9998, 38.7672, 61.8428



32.4426, 34.3967, 22.0695



8.2534, 8.1146, 9.6452



15.7114, 7.7471, 16.6574



0.4567, 0.2234, 0.5670

Previews

White Background



This preview shows how the XYZ color 27.3157, 31.6264, 43.6945 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 27.3157, 31.6264, 43.6945 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 27.3157, 31.6264, 43.6945

Background



This preview shows how black text looks on a background with the XYZ color 27.3157, 31.6264, 43.6945.



This preview shows how white text looks on a background with the XYZ color 27.3157, 31.6264,

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

27.3157, 31.6264, 43.6945

Protanopia

30.6193, 31.4073, 41.0076

Deuteranopia

31.9402, 31.3037, 44.4032



Tritanopia

27.3157, 31.6264, 43.6945

Trichromacy



Original Color

27.3157, 31.6264, 43.6945

Protanomaly

29.1983, 31.3790, 42.0540

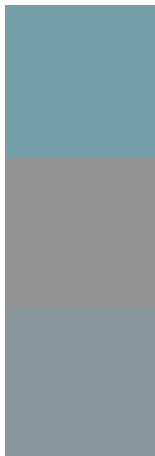
Deuteranomaly

29.9264, 31.2244, 43.9848

Tritanomaly

27.3157, 31.6264, 43.6945

Monochromacy



Original Color

27.3157, 31.6264, 43.6945

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.6306, 30.2092, 36.2730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3157, 31.6264, 43.6945 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(118, 159, 172)` looks like.

```
.text, #text, p{  
    color:rgb(118, 159, 172)  
}
```

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(118, 159, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 159, 172) }
```

Border

The CSS property to change the border of an element to XYZ 27.3157, 31.6264, 43.6945 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(118, 159, 172) }
```


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

```
.border{ border-color:rgb(118, 159, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 159, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 159, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 159, 172);  
box-shadow:4px 4px 4px 4px rgb(118, 159,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3157, 31.6264, 43.6945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 159, 172) }
```

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

```
.background{ background-color: rgb(118,  
159, 172) }
```

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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