

Converting Colors

XYZ(27.7706, 28.5107, 55.4055)

Have a look what the booklet for
XYZ(27.7706, 28.5107, 55.4055)
contains.

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Color

**XYZ(27.7370, 28.4198,
55.6534)**

Conversions

Conversions Part 1

Format	Color
Hex	7792C3
RGB	119, 146, 195
RGB Percent	47%, 57%, 76%
CMY	0.5333, 0.4274, 0.2353
CMYK	0.39, 0.25, 0.00, 0.24
HSL	219°, 39%, 62%
HSV	219°, 39%, 76%
XYZ	27.7370, 28.4198, 55.6534
YIQ	143.5130, -31.8210, 9.5150

Conversions

Conversions Part 2

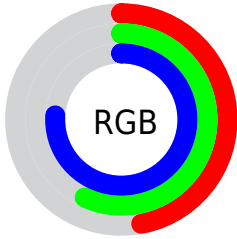
Format	Color
R _Y B	119, 139, 195
Decimal	7836355
CIE Lab	60.27, 2.91, -28.42
CIE LCh	60, 28.565, 275.856
Yxy	28.4198, 0.2481, 0.2542
Android (android.graphics.Color)	4286026435 (0xFF7792C3)
YUV	143.5130, 25.3831, -21.4979
Hunter-Lab	53.3102, -0.4204, -24.5789

Details

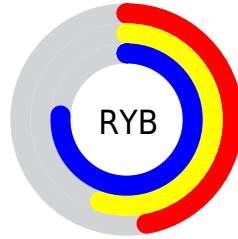
The XYZ color **27.7370, 28.4198, 55.6534** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **39.8390, 40.9404, 23.2566**, and the grayscale version is **26.2250, 27.5908, 30.0463**.

A 20% lighter version of the original color is **55.6805, 57.3355, 100.2276**, and **11.2374, 11.4471, 26.8165** is the 20% darker color. If you saturate the color by 10%, you get **23.4977, 23.5143, 54.9305**, and if you desaturate by 10%, it is **32.7404, 34.0369, 56.4744**.

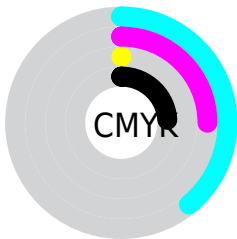
Distribution



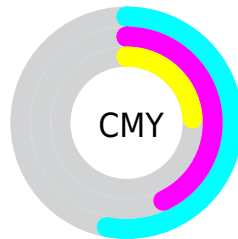
- Red (47%)
- Green (57%)
- Blue (76%)



- Red (47%)
- Yellow (55%)
- Blue (76%)



- Cyan (39%)
- Magenta (25%)
- Yellow (0%)
- Black (24%)



- Cyan (53%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7370, 28.4198, 55.6534 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 27.7370, 28.4198, 55.6534 by changing the saturation by 10% instead.

■ 27.7370, 28.4198,
55.6534

■ 27.7370, 28.4198,
55.6534

283.3110,
294.4675, 425.7355

■ 18.2669, 18.6424,
39.5230

■ 55.4759, 57.1540,
99.9784

■ 11.2427, 11.4121,
26.8559

■ 74.4754, 76.8795,
129.0100

■ 6.2988, 6.3448,
17.2335

■ 97.3821, 100.6898,
163.1791

■ 3.0700, 3.0558,
10.2374

124.5613,
128.9694, 202.9042

■ 1.1909, 1.1610,
5.4490

156.3785,
162.1025, 248.6038

■ 0.0991, 0.0295,
2.4497

193.1989,

■ 0.0000, 0.0000,

200.4736, 300.6966

0.8133

235.3880,
244.4672, 359.6010

■ 0.0000, 0.0000,
0.0000

■ 27.7370, 28.4198,
55.6534

■ 27.7370, 28.4198,
55.6534

■ 23.4977, 23.5143,
54.9305

■ 32.7404, 34.0369,
56.4744

■ 19.9790, 19.2859,
54.2998

■ 38.5426, 40.3912,
57.3951

■ 17.1371, 15.7019,
53.7578

■ 45.1793, 47.5114,
58.4196

■ 14.9217, 12.7250,
53.2999

■ 52.6835, 55.4230,
59.5512

■ 13.2744, 10.3131,
52.9212

■ 61.0860, 64.1508,
60.7930

■ 12.1013, 8.4047,
52.6147

■ 70.4161, 73.7181,
62.1479

■ 11.9955, 8.2304,
52.5866

■ 80.5161, 84.0516,
63.6102

■ 84.2237, 91.4668,
64.8460

■ 86.8504, 96.7202,
65.7216

Harmonies

Analogous

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



24.2331, 28.4198, 53.2359



27.7370, 28.4198, 55.6534



31.3503, 28.4198, 50.3360

Triad

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



27.7370, 28.4198, 55.6534



33.1307, 28.4198, 20.5711



21.0826, 28.4198, 23.4068

Complementary

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



27.7370, 28.4198, 55.6534



39.8390, 40.9404, 23.2566

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.



23.0939, 28.4198, 17.3083



27.7370, 28.4198, 55.6534



29.9960, 28.4198, 15.9487

Square

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



27.7370, 28.4198, 55.6534



34.6400, 28.4198, 28.9320



26.3001, 28.4198, 14.9059



20.5954, 28.4198, 33.0478

Rectangle

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



27.7370, 28.4198, 55.6534



33.2692, 28.4198, 43.6996



26.3001, 28.4198, 14.9059



21.5934, 28.4198, 20.9493

Sweetspot

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



27.7380, 28.4209, 55.6541



76.9299, 80.8426, 104.0193



34.1112, 45.7478, 43.6572



16.4948, 17.3267, 22.7250



0.0000, 0.0000, 0.0000



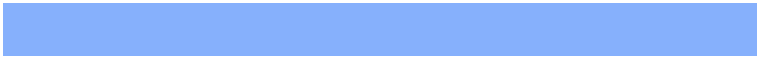
20.3446, 21.4041, 23.3091

Same Dimension

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



27.7380, 28.4209, 55.6541



42.9571, 43.1398, 98.5325



25.5218, 21.8126, 54.4954



9.8146, 10.3204, 12.7596



7.8689, 5.4943, 34.2024



0.4054, 0.3682, 1.4996

Inverse Universe

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



34.2917, 26.8722, 30.5746



56.6369, 40.9067, 45.9592



42.8210, 50.6604, 24.9755



10.2177, 10.1357, 11.2370



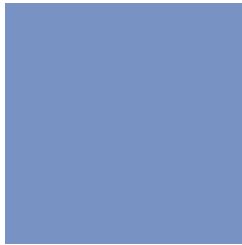
15.3678, 7.8369, 4.5830



0.6970, 0.3518, 0.3719

Previews

White Background



This preview shows how the XYZ color 27.7370, 28.4198, 55.6534 looks on a white background.

Color Contrast Check

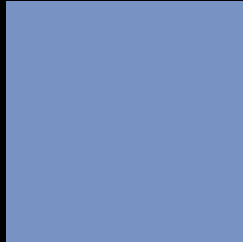
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7370, 28.4198, 55.6534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

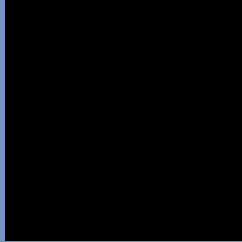
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7370, 28.4198, 55.6534

Background



This preview shows how black text looks on a background with the XYZ color 27.7370, 28.4198, 55.6534.



This preview shows how white text looks on a background with the XYZ color 27.7370, 28.4198,

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

27.7370, 28.4198, 55.6534

Protanopia

28.8082, 28.3205, 54.4001

Deuteranopia

29.1463, 28.4557, 56.1809



Tritanopia

24.4846, 28.5163, 39.3357

Trichromacy



Original Color

27.7370, 28.4198, 55.6534

Protanomaly

28.4633, 28.3536, 55.0116

Deuteranomaly

28.6895, 28.4441, 56.2027

Tritanomaly

25.5836, 28.4852, 44.7072

Monochromacy



Original Color

27.7370, 28.4198, 55.6534

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.7279, 28.0460, 38.6550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7370, 28.4198, 55.6534 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(119, 146, 195)` looks like.

```
.text, #text, p{  
    color:rgb(119, 146, 195)  
}
```

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(119, 146, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 146, 195) }
```

Border

The CSS property to change the border of an element to XYZ 27.7370, 28.4198, 55.6534 is called "border". The border property can be set on classes, ids or directly on the HTML element.

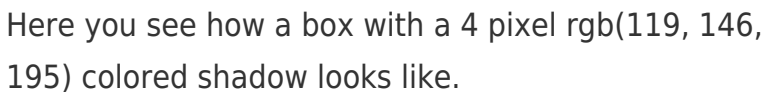
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 146, 195) }
```


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

```
.border{ border-color:rgb(119, 146, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 146, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 146, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 146, 195); box-shadow:4px 4px 4px 4px rgb(119, 146, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7370, 28.4198, 55.6534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 146, 195) }
```

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

```
.background{ background-color: rgb(119,  
146, 195) }
```

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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