

Converting Colors

XYZ(27.8918, 28.7295, 55.7051)

Have a look what the booklet for
XYZ(27.8918, 28.7295, 55.7051)
contains.

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Color

**XYZ(27.8918, 28.7295,
55.7051)**

Conversions

Conversions Part 1

Format	Color
Hex	7793C3
RGB	119, 147, 195
RGB Percent	47%, 58%, 76%
CMY	0.5333, 0.4235, 0.2353
CMYK	0.39, 0.25, 0.00, 0.24
HSL	218°, 39%, 62%
HSV	218°, 39%, 76%
XYZ	27.8918, 28.7295, 55.7051
YIQ	144.1000, -32.0960, 8.9920

Conversions

Conversions Part 2

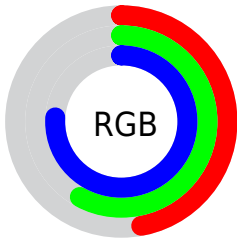
Format	Color
R_{YB}	119, 139, 195
Decimal	7836611
CIE Lab	60.54, 2.34, -27.99
CIE LCh	61, 28.087, 274.780
Yxy	28.7295, 0.2483, 0.2558
Android (android.graphics.Color)	4286026691 (0xFF7793C3)
YUV	144.1000, 25.0937, -22.0127
Hunter-Lab	53.5999, -0.9137, -24.0987

Details

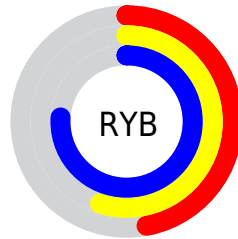
The XYZ color **27.8918, 28.7295, 55.7051** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **39.6549, 40.5723, 23.1950**, and the grayscale version is **26.4617, 27.8397, 30.3175**.

A 20% lighter version of the original color is **55.9129, 57.8002, 100.3051**, and **11.3292, 11.6307, 26.8471** is the 20% darker color. If you saturate the color by 10%, you get **23.6715, 23.8619, 54.9885**, and if you desaturate by 10%, it is **32.8681, 34.2924, 56.5171**.

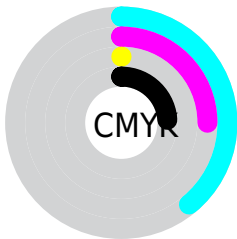
Distribution



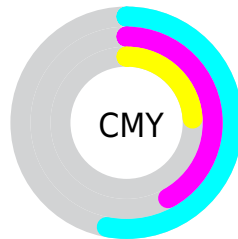
- Red (47%)
- Green (58%)
- Blue (76%)



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



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



- Cyan (53%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8918, 28.7295, 55.7051 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 27.8918, 28.7295, 55.7051 by changing the saturation by 10% instead.

■ 27.8918, 28.7295,
55.7051

■ 27.8918, 28.7295,
55.7051

284.0390,
295.9365, 425.9362

■ 18.3841, 18.8763,
39.5641

■ 55.7215, 57.6470,
100.0548

■ 11.3275, 11.5809,
26.8877

■ 74.7743, 77.4801,
129.1005

■ 6.3565, 6.4590,
17.2572

■ 97.7394, 101.4087,
163.2850

■ 3.1057, 3.1261,
10.2541

124.9824,
129.8170, 203.0266

■ 1.2099, 1.1979,
5.4600

156.8685,
163.0896, 248.7440

■ 0.1142, 0.0600,
2.4562

193.7630,

■ 0.0000, 0.0000,

201.6108, 300.8558

0.8168

236.0314,
245.7650, 359.7803

■ 0.0000, 0.0000,
0.0000

■ 27.8918, 28.7295,
55.7051

■ 27.8918, 28.7295,
55.7051

■ 23.6715, 23.8619,
54.9885

■ 32.8681, 34.2924,
56.5171

■ 20.1641, 19.6561,
54.3616

■ 38.6347, 40.5756,
57.4259

■ 17.3263, 16.0803,
53.8209

■ 45.2270, 47.6068,
58.4356

■ 15.1083, 13.0983,
53.3623

■ 52.6773, 55.4109,
59.5493

■ 13.4524, 10.6690,
52.9806

■ 61.0164, 64.0119,
60.7699

■ 12.2651, 8.7323,
52.6694

■ 70.2732, 73.4325,
62.1004

■ 12.1576, 8.5546,
52.6408

■ 80.2898, 83.5989,
63.5348

■ 83.9032, 90.8256,
64.7393

■ 86.8504, 96.7202,
65.7217

Harmonies

Analogous

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



24.4414, 28.7295, 53.0533



27.8918, 28.7295, 55.7051



31.4810, 28.7295, 50.7213

Triad

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



27.8918, 28.7295, 55.7051



33.4445, 28.7295, 21.2155



21.4707, 28.7295, 23.5195

Complementary

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



27.8918, 28.7295, 55.7051



39.6549, 40.5723, 23.1950

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.



23.5184, 28.7295, 17.5772



27.8918, 28.7295, 55.7051



30.3872, 28.7295, 16.4681

Square

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



27.8918, 28.7295, 55.7051



34.8626, 28.7295, 29.6465



26.7295, 28.7295, 15.3008



20.9297, 28.7295, 32.9756

Rectangle

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



27.8918, 28.7295, 55.7051



33.4094, 28.7295, 44.2722



26.7295, 28.7295, 15.3008



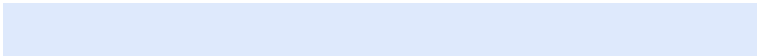
21.9962, 28.7295, 21.1187

Sweetspot

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



27.8928, 28.7306, 55.7058



77.0428, 81.0686, 104.0570



33.9944, 45.7012, 43.0427



16.5219, 17.3810, 22.7340



0.0000, 0.0000, 0.0000



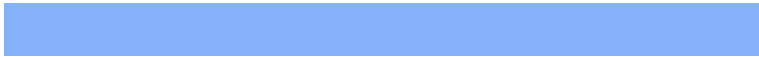
20.3446, 21.4041, 23.3091

Same Dimension

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



27.8928, 28.7306, 55.7058



43.2651, 43.7557, 98.6352



25.3302, 21.7137, 54.4864



9.8254, 10.3422, 12.7632



7.9758, 5.7081, 34.2380



0.4107, 0.3788, 1.5014

Inverse Universe

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



34.3698, 26.9033, 30.9862



56.7923, 40.9689, 46.7778



43.1277, 50.8186, 24.9897



10.2232, 10.1379, 11.2658



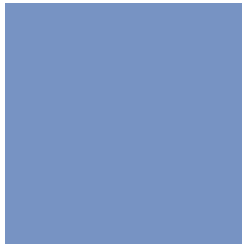
15.4218, 7.8585, 4.8672



0.6997, 0.3529, 0.3859

Previews

White Background



This preview shows how the XYZ color 27.8918, 28.7295, 55.7051 looks on a white background.

Color Contrast Check

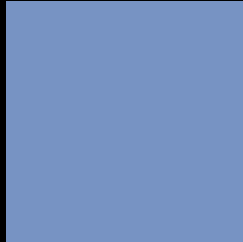
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8918, 28.7295, 55.7051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

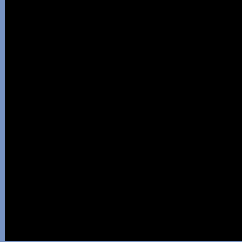
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

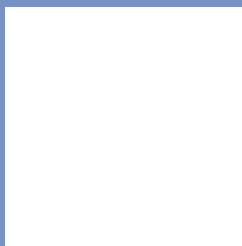
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8918, 28.7295, 55.7051

Background



This preview shows how black text looks on a background with the XYZ color 27.8918, 28.7295, 55.7051.

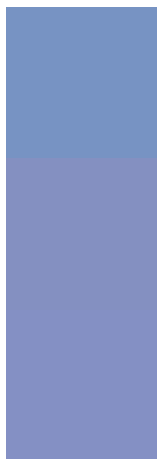


This preview shows how white text looks on a background with the XYZ color 27.8918, 28.7295,

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

27.8918, 28.7295, 55.7051

Protanopia

29.1146, 28.7023, 54.4577

Deuteranopia

29.4528, 28.8376, 56.2384



Tritanopia

24.7383, 28.8786, 39.8676

Trichromacy



Original Color

27.8918, 28.7295, 55.7051

Protanomaly

28.6154, 28.6579, 55.0623

Deuteranomaly

28.8416, 28.7483, 56.2534

Tritanomaly

25.8425, 28.8452, 45.2799

Monochromacy



Original Color

27.8918, 28.7295, 55.7051

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 27.8918, 28.7295, 55.7051 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, 147, 195)` looks like.

```
.text, #text, p{  
    color:rgb(119, 147, 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, 147, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 147, 195) }
```

Border

The CSS property to change the border of an element to XYZ 27.8918, 28.7295, 55.7051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

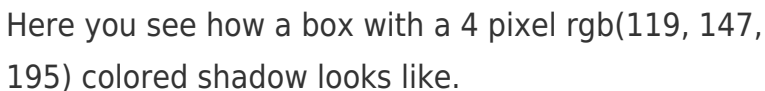
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 147, 195) }
```


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

```
.border{ border-color:rgb(119, 147, 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, 147, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 147, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 147, 195);  
box-shadow:4px 4px 4px 4px rgb(119, 147,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8918, 28.7295, 55.7051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 147, 195) }
```

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

```
.background{ background-color: rgb(119,  
147, 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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