

Converting Colors

XYZ(28.3651, 27.1902, 57.7353)

Have a look what the booklet for
XYZ(28.3651, 27.1902, 57.7353)
contains.

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Color

**XYZ(28.2938, 27.1008,
57.7726)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8BC7
RGB	127, 139, 199
RGB Percent	50%, 55%, 78%
CMY	0.5019, 0.4549, 0.2196
CMYK	0.36, 0.30, 0.00, 0.22
HSL	230°, 39%, 64%
HSV	230°, 36%, 78%
XYZ	28.2938, 27.1008, 57.7726
YIQ	142.2520, -26.4120, 16.1160

Conversions

Conversions Part 2

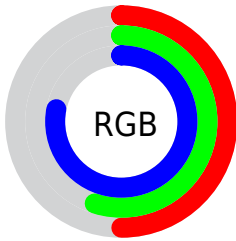
Format	Color
RYB	127, 137, 199
Decimal	8358855
CIELab	59.07, 10.29, -32.49
CIELCh	59, 34.076, 287.568
Yxy	27.1008, 0.2500, 0.2395
Android (android.graphics.Color)	4286548935 (0xFF7F8BC7)
YUV	142.2520, 27.9768, -13.3760
Hunter-Lab	52.0584, 5.9127, -29.3570

Details

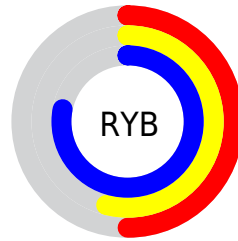
The XYZ color **28.2938, 27.1008, 57.7726** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.1549, 49.2157, 27.1993**, and the grayscale version is **25.7118, 27.0508, 29.4584**.

A 20% lighter version of the original color is **56.1910, 54.8644, 102.2360**, and **11.5073, 10.6449, 28.2362** is the 20% darker color. If you saturate the color by 10%, you get **23.3958, 21.2780, 56.9073**, and if you desaturate by 10%, it is **34.1433, 33.9559, 58.7880**.

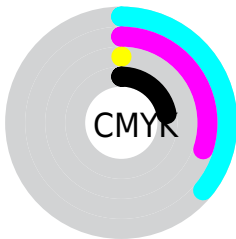
Distribution



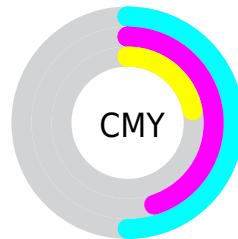
- Red (50%)
- Green (55%)
- Blue (78%)



- Red (50%)
- Yellow (54%)
- Blue (78%)



- Cyan (36%)
- Magenta (30%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2938, 27.1008, 57.7726 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 28.2938, 27.1008, 57.7726 by changing the saturation by 10% instead.

■ 28.2938, 27.1008,
57.7726

■ 28.2938, 27.1008,
57.7726

285.9228,
288.1448, 433.9126

■ 18.6888, 17.6489,
41.2124

■ 56.3585, 55.0456,
103.1031

■ 11.5483, 10.6982,
28.1641

■ 75.5490, 74.3073,
132.7105

■ 6.5069, 5.8643,
18.2093

■ 98.6654, 97.6077,
167.5041

■ 3.1993, 2.7627,
10.9294

126.0730,
125.3313, 207.9023

■ 1.2600, 1.0092,
5.9058

158.1372,
157.8624, 254.3237

■ 0.1530, 0.0000,
2.7200

195.2233,

■ 0.0000, 0.0000,

195.5854, 307.1869

0.9535

237.6967,
238.8848, 366.9103

■ 0.0000, 0.0000,
0.0000

■ 28.2938, 27.1008,
57.7726

■ 28.2938, 27.1008,
57.7726

■ 23.3958, 21.2780,
56.9073

■ 34.1433, 33.9559,
58.7880

■ 19.3955, 16.4339,
56.1832

■ 40.9885, 41.8872,
59.9581

■ 16.2379, 12.5145,
55.5931

■ 48.8743, 50.9399,
61.2898

■ 13.8607, 9.4592,
55.1286

■ 57.8421, 61.1555,
62.7889

■ 12.1926, 7.2002,
54.7805

■ 67.9309, 72.5736,
64.4611

■ 11.1462, 5.6569,
54.5378

■ 79.1778, 85.2317,
66.3116

■ 10.8574, 5.2206,
54.4688

■ 87.3089, 96.9036,
68.1359

Harmonies

Analogous

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



24.0459, 27.1008, 58.6226



28.2938, 27.1008, 57.7726



32.2441, 27.1008, 48.1931

Triad

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



28.2938, 27.1008, 57.7726



31.6489, 27.1008, 15.4320



18.6004, 27.1008, 24.7695

Complementary

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



28.2938, 27.1008, 57.7726



45.1549, 49.2157, 27.1993

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.



20.2067, 27.1008, 16.4105



28.2938, 27.1008, 57.7726



27.5506, 27.1008, 12.0979

Square

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



28.2938, 27.1008, 57.7726



34.3223, 27.1008, 23.0175



23.3794, 27.1008, 12.3987



18.7527, 27.1008, 37.1170

Rectangle

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



28.2938, 27.1008, 57.7726



34.0370, 27.1008, 39.3255



23.3794, 27.1008, 12.3987



18.9446, 27.1008, 21.4779

Sweetspot

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



28.2947, 27.1018, 57.7732



78.4640, 81.0451, 106.1155



38.0183, 48.8962, 53.7778



16.3917, 16.8843, 22.6450



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.



28.2947, 27.1018, 57.7732



42.9973, 39.6886, 100.0022



30.4400, 25.7683, 57.4028



10.1972, 10.5684, 13.4199



7.0253, 3.4446, 35.0390



0.3785, 0.2547, 1.6744

Inverse Universe

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



35.8036, 29.1859, 28.1735



58.0860, 44.2847, 40.4311



42.2047, 51.6332, 27.8215



10.7048, 10.6653, 11.4287



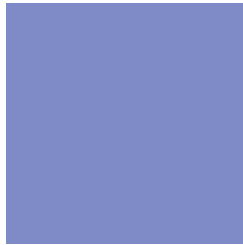
15.3454, 7.8877, 1.7628



0.7497, 0.3827, 0.2052

Previews

White Background



This preview shows how the XYZ color 28.2938, 27.1008, 57.7726 looks on a white background.

Color Contrast Check

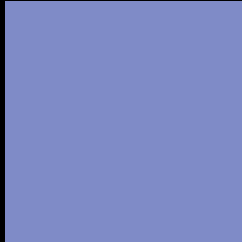
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2938, 27.1008, 57.7726 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 28.2938, 27.1008, 57.7726

Background



This preview shows how black text looks on a background with the XYZ color 28.2938, 27.1008, 57.7726.



This preview shows how white text looks on a background with the XYZ color 28.2938, 27.1008,

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

28.2938, 27.1008, 57.7726

Protanopia

27.9718, 27.1373, 58.4073

Deuteranopia

27.7129, 27.0173, 57.7871



Tritanopia

24.1629, 27.2222, 36.7818

Trichromacy



Original Color

28.2938, 27.1008, 57.7726

Protanomaly

28.1156, 27.2114, 58.4141

Deuteranomaly

27.9991, 27.1648, 57.8004

Tritanomaly

25.4984, 27.0675, 43.9250

Monochromacy



Original Color

28.2938, 27.1008, 57.7726

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.4523, 27.0125, 38.4701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2938, 27.1008, 57.7726 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(127, 139, 199)` looks like.

```
.text, #text, p{  
    color:rgb(127, 139, 199)  
}
```

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(127, 139, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 139, 199) }
```

Border

The CSS property to change the border of an element to XYZ 28.2938, 27.1008, 57.7726 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(127, 139, 199) }
```


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

```
.border{ border-color:rgb(127, 139, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 139, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 139, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 139, 199);  
box-shadow:4px 4px 4px 4px rgb(127, 139,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2938, 27.1008, 57.7726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 139, 199) }
```

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

```
.background{ background-color: rgb(127,  
139, 199) }
```

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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