

Converting Colors

XYZ(25.2641, 27.4483, 59.8729)

Have a look what the booklet for
XYZ(25.2641, 27.4483, 59.8729)
contains.

XYZ(25.2751, 27.5188, 59.8566)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.2751, 27.5188,
59.8566)**

Conversions

Conversions Part 1

Format	Color
Hex	5894CA
RGB	88, 148, 202
RGB Percent	35%, 58%, 79%
CMY	0.6549, 0.4196, 0.2078
CMYK	0.56, 0.27, 0.00, 0.21
HSL	208°, 52%, 57%
HSV	208°, 56%, 79%
XYZ	25.2751, 27.5188, 59.8566
YIQ	136.2160, -53.0940, 4.0740

Conversions

Conversions Part 2

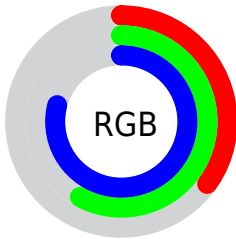
Format	Color
R_{YB}	88, 127, 202
Decimal	5805258
CIE _{Lab}	59.45, -3.69, -33.75
CIE _{LCh}	59, 33.950, 263.757
Yxy	27.5188, 0.2244, 0.2443
Android (android.graphics.Color)	4283995338 (0xFF5894CA)
YUV	136.2160, 32.4315, -42.2854
Hunter-Lab	52.4584, -5.7986, -30.9309

Details

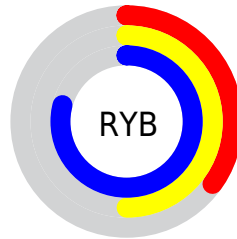
The XYZ color **25.2751, 27.5188, 59.8566** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **35.7927, 32.6087, 13.6414**, and the grayscale version is **23.3802, 24.5977, 26.7869**.

A 20% lighter version of the original color is **50.8476, 55.4808, 102.6367**, and **9.9815, 11.0119, 29.6164** is the 20% darker color. If you saturate the color by 10%, you get **22.1819, 23.7879, 59.3000**, and if you desaturate by 10%, it is **29.0240, 31.7729, 60.4807**.

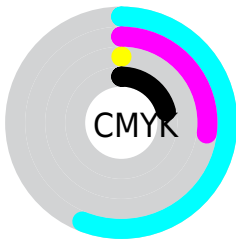
Distribution



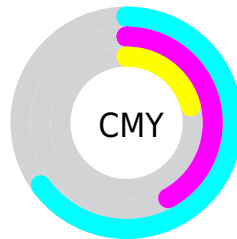
- Red (35%)
- Green (58%)
- Blue (79%)



- Red (35%)
- Yellow (50%)
- Blue (79%)



- Cyan (56%)
- Magenta (27%)
- Yellow (0%)
- Black (21%)



- Cyan (65%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2751, 27.5188, 59.8566 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 25.2751, 27.5188, 59.8566 by changing the saturation by 10% instead.

■ 25.2751, 27.5188,
59.8566

■ 25.2751, 27.5188,
59.8566

271.5276,
290.1604, 441.8590

■ 16.4120, 17.9632,
42.8785

■ 51.5428, 55.7153,
106.1630

■ 9.9088, 10.9236,
29.4591

■ 69.6782, 75.1249,
136.3283

■ 5.4003, 6.0155,
19.1798

■ 91.6349, 98.5881,
171.7265

■ 2.5212, 2.8545,
11.6222

■ 117.7785,
126.4892, 212.7761

■ 0.9059, 1.0562,
6.3676

148.4741,
159.2126, 259.8956

■ 0.0000, 0.0000,
2.9975

184.0873,

■ 0.0000, 0.0000,

197.1426, 313.5035

1.0933

224.9834,
240.6638, 374.0185

■ 0.0000, 0.0000,
0.0000

■ 25.2751, 27.5188,
59.8566

■ 25.2751, 27.5188,
59.8566

■ 22.1819, 23.7879,
59.3000

■ 29.0240, 31.7729,
60.4807

■ 19.6936, 20.5481,
58.8058

■ 33.4683, 36.5736,
61.1731

■ 17.7557, 17.7672,
58.3712

■ 38.6480, 41.9460,
61.9370

■ 16.2975, 15.4040,
57.9919

■ 44.5987, 47.9124,
62.7750

■ 15.8473, 14.6373,
57.8677

■ 51.3537, 54.4941,
63.6894

■ 58.9442, 61.7107,
64.6823

■ 67.3998, 69.5813,
65.7558

■ 76.7483, 78.1238,
66.9120

■ 81.3578, 84.4383,
67.8878

Harmonies

Analogous

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



21.6057, 27.5188, 53.1454



25.2751, 27.5188, 59.8566



29.5965, 27.5188, 56.9718

Triad

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



25.2751, 27.5188, 59.8566



34.3921, 27.5188, 21.4713



20.0900, 27.5188, 18.1238

Complementary

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



25.2751, 27.5188, 59.8566



35.7927, 32.6087, 13.6414

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.



22.9927, 27.5188, 13.2123



25.2751, 27.5188, 59.8566



31.3036, 27.5188, 14.7460

Square

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



25.2751, 27.5188, 59.8566



35.1727, 27.5188, 32.5875



27.0567, 27.5188, 12.1699



18.8288, 27.5188, 27.4839

Rectangle

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



25.2751, 27.5188, 59.8566



32.2398, 27.5188, 50.3021



27.0567, 27.5188, 12.1699



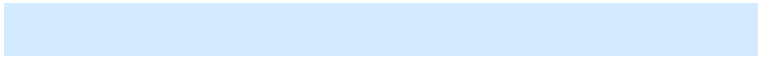
20.8898, 27.5188, 16.0124

Sweetspot

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



25.2761, 27.5198, 59.8573



74.6561, 80.2761, 106.1678



29.9687, 46.2456, 32.6256



15.5218, 16.7278, 22.6607



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.



25.2761, 27.5198, 59.8573



36.4120, 38.8300, 100.1836



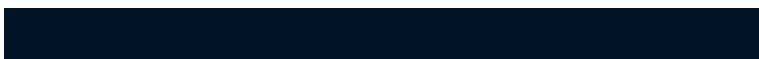
18.4962, 13.9600, 57.5973



11.0822, 11.8049, 14.2648



10.2873, 9.5986, 37.2668



0.6064, 0.6465, 1.9478

Inverse Universe

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



33.1930, 21.6753, 30.4521



51.7566, 30.2462, 42.5752



46.3591, 53.7415, 17.1636



11.4549, 11.3107, 12.9299



17.4035, 8.7720, 9.8432



0.9360, 0.4678, 0.7089

Previews

White Background



This preview shows how the XYZ color 25.2751, 27.5188, 59.8566 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 25.2751, 27.5188, 59.8566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

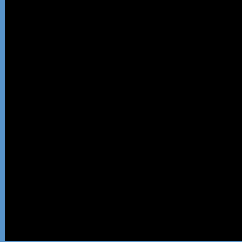
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2751, 27.5188, 59.8566

Background



This preview shows how black text looks on a background with the XYZ color 25.2751, 27.5188, 59.8566.

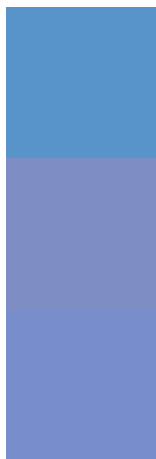


This preview shows how white text looks on a background with the XYZ color 25.2751, 27.5188,

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

25.2751, 27.5188, 59.8566

Protanopia

28.0929, 27.4709, 56.0463

Deuteranopia

28.0317, 27.3313, 60.9248



Tritanopia

21.5204, 27.6886, 40.7694

Trichromacy



Original Color

25.2751, 27.5188, 59.8566

Protanomaly

26.8484, 27.4685, 57.3130

Deuteranomaly

26.9371, 27.4465, 60.3779

Tritanomaly

22.6909, 27.4140, 47.2755

Monochromacy



Original Color

25.2751, 27.5188, 59.8566

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.3310, 25.2162, 36.8952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2751, 27.5188, 59.8566 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(88, 148, 202)` looks like.

```
.text, #text, p{  
    color:rgb(88, 148, 202)  
}
```

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(88, 148, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 148, 202) }
```

Border

The CSS property to change the border of an element to XYZ 25.2751, 27.5188, 59.8566 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(88, 148, 202) }
```


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

```
.border{ border-color:rgb(88, 148, 202) }
```

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

Here you see how a box with a 4 pixel rgb(88, 148, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 148, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 148, 202);  
box-shadow:4px 4px 4px 4px rgb(88, 148,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2751, 27.5188, 59.8566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 148, 202) }
```

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

```
.background{ background-color: rgb(88, 148,  
202) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor