

Converting Colors

XYZ(25.6044, 23.9726, 59.8011)

Have a look what the booklet for
XYZ(25.6044, 23.9726, 59.8011)
contains.

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Color

**XYZ(25.5779, 23.9891,
59.7822)**

Conversions

Conversions Part 1

Format	Color
Hex	7083CB
RGB	112, 131, 203
RGB Percent	44%, 51%, 80%
CMY	0.5608, 0.4863, 0.2039
CMYK	0.45, 0.35, 0.00, 0.20
HSL	227°, 47%, 62%
HSV	227°, 45%, 80%
XYZ	25.5779, 23.9891, 59.7822
YIQ	133.5270, -34.4360, 18.3640

Conversions

Conversions Part 2

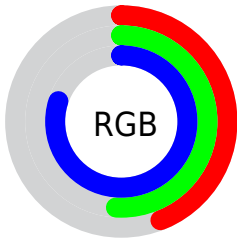
Format	Color
R _Y B	112, 128, 203
Decimal	7373771
CIE Lab	56.08, 12.13, -39.50
CIE LCh	56, 41.321, 287.075
Yxy	23.9891, 0.2339, 0.2194
Android (android.graphics.Color)	4285563851 (0xFF7083CB)
YUV	133.5270, 34.2502, -18.8792
Hunter-Lab	48.9787, 7.5045, -38.0829

Details

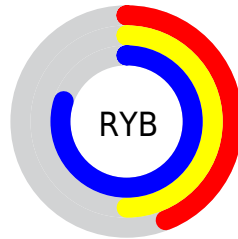
The XYZ color **25.5779, 23.9891, 59.7822** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.6949, 48.1489, 22.2685**, and the grayscale version is **22.3751, 23.5403, 25.6354**.

A 20% lighter version of the original color is **51.1268, 49.7165, 101.5093**, and **10.0499, 9.0426, 29.2327** is the 20% darker color. If you saturate the color by 10%, you get **21.2876, 18.8197, 59.0110**, and if you desaturate by 10%, it is **30.7866, 30.1293, 60.6933**.

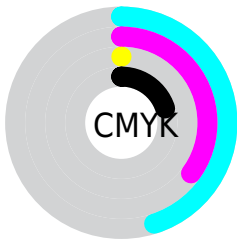
Distribution



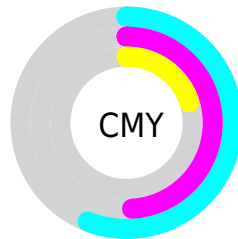
- Red (44%)
- Green (51%)
- Blue (80%)



- Red (44%)
- Yellow (50%)
- Blue (80%)



- Cyan (45%)
- Magenta (35%)
- Yellow (0%)
- Black (20%)



- Cyan (56%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5779, 23.9891, 59.7822 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 25.5779, 23.9891, 59.7822 by changing the saturation by 10% instead.

■ 25.5779, 23.9891,
59.7822

■ 25.5779, 23.9891,
59.7822

272.9987,
272.7654, 441.5768

■ 16.6392, 15.3255,
42.8190

■ 52.0294, 50.0124,
106.0539

■ 10.0713, 9.0482,
29.4127

■ 70.2728, 68.1409,
136.1995

■ 5.5089, 4.7726,
19.1450

■ 92.3485, 90.1933,
171.5763

■ 2.5866, 2.1145,
11.5972

118.6219,
116.5538, 212.6028

■ 0.9391, 0.6727,
6.3509

149.4582,
147.6068, 259.6975

■ 0.0000, 0.0000,
2.9874

185.2229,

■ 0.0000, 0.0000,

183.7368, 313.2791

1.0882

226.2813,
225.3282, 373.7660

■ 0.0000, 0.0000,
0.0000

■ 25.5779, 23.9891,
59.7822

■ 25.5779, 23.9891,
59.7822

■ 21.2876, 18.8197,
59.0110

■ 30.7866, 30.1293,
60.6933

■ 17.8581, 14.5673,
58.3710

■ 36.9615, 37.2848,
61.7490

■ 15.2293, 11.1767,
57.8551

■ 44.1499, 45.5008,
62.9560

■ 13.3313, 8.5852,
57.4549

■ 52.3953, 54.8185,
64.3199

■ 12.0815, 6.7205,
57.1608

■ 61.7386, 65.2772,
65.8462

■ 11.6211, 5.9949,
57.0450

■ 72.2187, 76.9142,
67.5400

■ 83.8722, 89.7648,
69.4062

■ 87.7796, 97.0918,
70.6145

Harmonies

Analogous

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



20.8259, 23.9891, 60.6343



25.5779, 23.9891, 59.7822



30.1326, 23.9891, 48.1864

Triad

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



25.5779, 23.9891, 59.7822



29.5750, 23.9891, 11.3095



15.0335, 23.9891, 20.7148

Complementary

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



25.5779, 23.9891, 59.7822



44.6949, 48.1489, 22.2685

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.



16.7669, 23.9891, 12.0903



25.5779, 23.9891, 59.7822



24.8970, 23.9891, 8.0660

Square

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



25.5779, 23.9891, 59.7822



32.6502, 23.9891, 19.1923



20.2326, 23.9891, 8.2911



15.1630, 23.9891, 34.5417

Rectangle

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



25.5779, 23.9891, 59.7822



32.2484, 23.9891, 37.6405



20.2326, 23.9891, 8.2911



15.4063, 23.9891, 17.2286

Sweetspot

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



25.5788, 23.9900, 59.7828



76.0842, 78.6378, 105.7763



36.6157, 49.5881, 52.5970



15.6626, 16.1248, 22.5368



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.



25.5788, 23.9900, 59.7828



35.7128, 31.5953, 98.8240



27.0202, 21.2862, 59.1849



10.7884, 11.2172, 14.1669



7.4495, 3.9229, 36.3208



0.4406, 0.3149, 1.8925

Inverse Universe

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



34.5203, 25.9247, 24.6579



52.8283, 36.1294, 31.4030



42.4623, 53.2550, 23.3718



11.3065, 11.2514, 12.1489



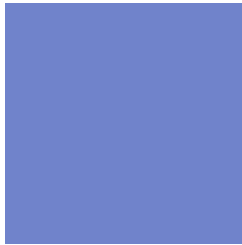
15.9710, 8.1990, 2.3002



0.8523, 0.4343, 0.2682

Previews

White Background



This preview shows how the XYZ color 25.5779, 23.9891, 59.7822 looks on a white background.

Color Contrast Check

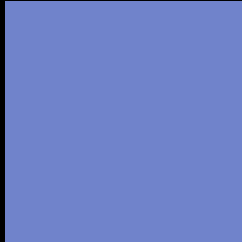
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5779, 23.9891, 59.7822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

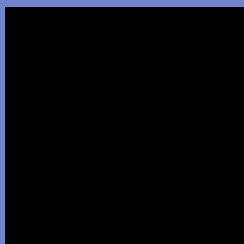
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5779, 23.9891, 59.7822

Background



This preview shows how black text looks on a background with the XYZ color 25.5779, 23.9891, 59.7822.

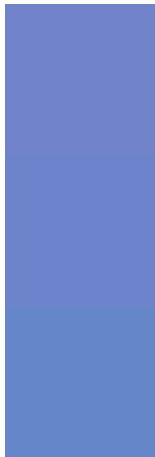


This preview shows how white text looks on a background with the XYZ color 25.5779, 23.9891,

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

25.5779, 23.9891, 59.7822

Protanopia

25.4570, 24.1134, 60.4394

Deuteranopia

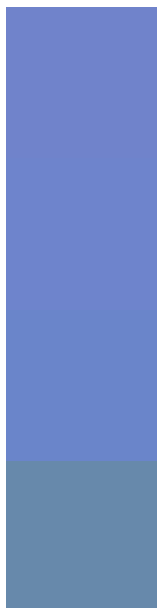
24.6653, 24.1392, 59.2365



Tritanopia

20.3116, 23.9463, 33.6886

Trichromacy



Original Color

25.5779, 23.9891, 59.7822

Protanomaly

25.5808, 24.1772, 60.4451

Deuteranomaly

24.9921, 24.1035, 59.2123

Tritanomaly

21.8899, 23.7152, 41.9518

Monochromacy



Original Color

25.5779, 23.9891, 59.7822

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.2497, 23.7139, 36.1527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5779, 23.9891, 59.7822 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(112, 131, 203)` looks like.

```
.text, #text, p{  
    color:rgb(112, 131, 203)  
}
```

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(112, 131, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 131, 203) }
```

Border

The CSS property to change the border of an element to XYZ 25.5779, 23.9891, 59.7822 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(112, 131, 203) }
```


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

```
.border{ border-color:rgb(112, 131, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 131, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 131, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 131, 203);  
box-shadow:4px 4px 4px 4px rgb(112, 131,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5779, 23.9891, 59.7822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 131, 203) }
```

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

```
.background{ background-color: rgb(112,  
131, 203) }
```

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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