

Converting Colors

XYZ(23.9493, 25.9610, 57.7171)

Have a look what the booklet for
XYZ(23.9493, 25.9610, 57.7171)
contains.

XYZ(23.9382, 25.9549, 57.7809)	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(23.9382, 25.9549,
57.7809)**

Conversions

Conversions Part 1

Format	Color
Hex	5490C7
RGB	84, 144, 199
RGB Percent	33%, 56%, 78%
CMY	0.6706, 0.4353, 0.2196
CMYK	0.58, 0.28, 0.00, 0.22
HSL	209°, 51%, 55%
HSV	209°, 58%, 78%
XYZ	23.9382, 25.9549, 57.7809
YIQ	132.3300, -53.4150, 4.3850

Conversions

Conversions Part 2

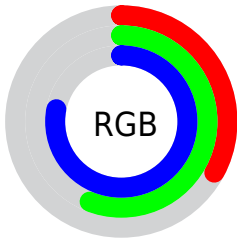
Format	Color
R_{YB}	84, 123, 199
Decimal	5542087
CIE _{Lab}	57.99, -3.18, -34.35
CIE _{LCh}	58, 34.492, 264.706
Y _{xy}	25.9549, 0.2223, 0.2411
Android (android.graphics.Color)	4283732167 (0xFF5490C7)
YUV	132.3300, 32.8683, -42.3854
Hunter-Lab	50.9460, -5.2828, -31.5822

Details

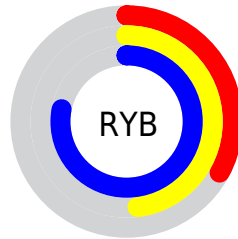
The XYZ color **23.9382, 25.9549, 57.7809** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **34.3870, 31.2487, 12.6078**, and the grayscale version is **21.9510, 23.0941, 25.1495**.

A 20% lighter version of the original color is **49.2286, 53.2709, 102.2954**, and **9.2137, 10.1014, 28.2522** is the 20% darker color. If you saturate the color by 10%, you get **21.0223, 22.4016, 57.2492**, and if you desaturate by 10%, it is **27.4833, 30.0140, 58.3780**.

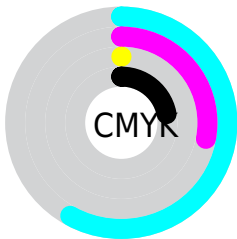
Distribution



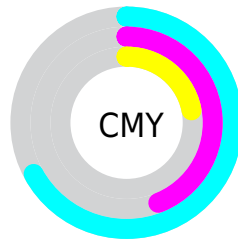
- Red (33%)
- Green (56%)
- Blue (78%)



- Red (33%)
- Yellow (48%)
- Blue (78%)



- Cyan (58%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9382, 25.9549, 57.7809 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 23.9382, 25.9549, 57.7809 by changing the saturation by 10% instead.

■ 23.9382, 25.9549,
57.7809

■ 23.9382, 25.9549,
57.7809

264.9542,
282.5606, 433.9445

■ 15.4123, 16.7899,
41.2190

■ 49.3847, 53.2022,
103.1154

■ 9.1974, 10.0848,
28.1693

■ 67.0361, 72.0533,
132.7250

■ 4.9283, 5.4552,
18.2131

■ 88.4599, 94.9018,
167.5209

■ 2.2396, 2.5168,
10.9321

■ 114.0216,
122.1322, 207.9218

■ 0.7635, 0.8850,
5.9076

144.0865,
154.1289, 254.3460

■ 0.0000, 0.0000,
2.7211

179.0200,

■ 0.0000, 0.0000,

191.2763, 307.2121

0.9540

219.1874,
233.9587, 366.9388

■ 0.0000, 0.0000,
0.0000

■ 23.9382, 25.9549,
57.7809

■ 23.9382, 25.9549,
57.7809

■ 21.0223, 22.4016,
57.2492

■ 27.4833, 30.0140,
58.3780

■ 18.6859, 19.3225,
56.7781

■ 31.6968, 34.6018,
59.0415

■ 16.8750, 16.6858,
56.3646

■ 36.6175, 39.7431,
59.7745

■ 15.5111, 14.4461,
56.0041

■ 42.2802, 45.4597,
60.5795

■ 15.2416, 13.9891,
55.9301

■ 48.7176, 51.7724,
61.4587

■ 55.9599, 58.7005,
62.4142

■ 64.0358, 66.2626,
63.4482

■ 72.9728, 74.4762,
64.5626

■ 79.7512, 81.7882,
65.6167

Harmonies

Analogous

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



20.3279, 25.9549, 51.4017



23.9382, 25.9549, 57.7809



28.1681, 25.9549, 54.6180

Triad

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



23.9382, 25.9549, 57.7809



32.6783, 25.9549, 19.7218



18.6964, 25.9549, 16.9778

Complementary

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



23.9382, 25.9549, 57.7809



34.3870, 31.2487, 12.6078

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.



21.4730, 25.9549, 12.1325



23.9382, 25.9549, 57.7809



29.5887, 25.9549, 13.3764

Square

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



23.9382, 25.9549, 57.7809



33.5280, 25.9549, 30.4287



25.4152, 25.9549, 11.0293



17.5272, 25.9549, 26.1978

Rectangle

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



23.9382, 25.9549, 57.7809



30.7389, 25.9549, 47.8829



25.4152, 25.9549, 11.0293



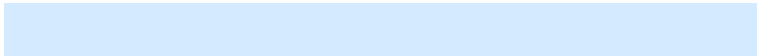
19.4565, 25.9549, 14.8991

Sweetspot

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



23.9391, 25.9558, 57.7815



74.5995, 80.1630, 106.1489



28.6438, 44.5577, 31.0104



15.5084, 16.7011, 22.6562



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.



23.9391, 25.9558, 57.7815



35.8130, 37.9532, 100.0459



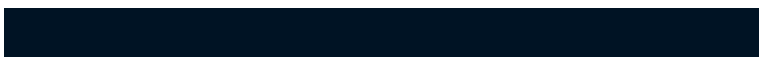
17.4420, 12.9616, 55.6158



10.5068, 11.1877, 13.5232



9.8889, 9.1717, 35.9935



0.5405, 0.5787, 1.7284

Inverse Universe

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



31.7583, 20.4974, 28.6690



51.3759, 29.7937, 41.4956



44.7065, 51.8877, 16.0476



10.8611, 10.7278, 12.2518



16.7908, 8.4659, 9.3741



0.8315, 0.4154, 0.6358

Previews

White Background



This preview shows how the XYZ color 23.9382, 25.9549, 57.7809 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 23.9382, 25.9549, 57.7809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

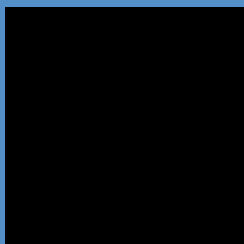
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

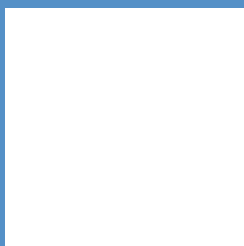
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9382, 25.9549, 57.7809

Background



This preview shows how black text looks on a background with the XYZ color 23.9382, 25.9549, 57.7809.

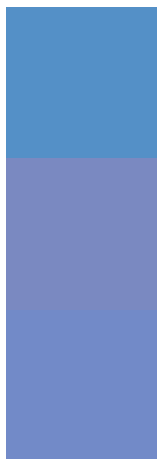


This preview shows how white text looks on a background with the XYZ color 23.9382, 25.9549,

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

23.9382, 25.9549, 57.7809

Protanopia

26.5973, 25.8792, 54.0454

Deuteranopia

26.4532, 25.9245, 58.2533



Tritanopia

20.1317, 26.0428, 38.6160

Trichromacy



Original Color

23.9382, 25.9549, 57.7809

Protanomaly

25.4128, 25.8844, 55.2866

Deuteranomaly

25.3969, 25.8099, 58.2868

Tritanomaly

21.2504, 25.7702, 44.9284

Monochromacy



Original Color

23.9382, 25.9549, 57.7809

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.8751, 23.6535, 34.8651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9382, 25.9549, 57.7809 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(84, 144, 199)` looks like.

```
.text, #text, p{  
    color:rgb(84, 144, 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(84, 144, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 144, 199) }
```

Border

The CSS property to change the border of an element to XYZ 23.9382, 25.9549, 57.7809 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(84, 144, 199) }
```


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

```
.border{ border-color:rgb(84, 144, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 144, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 144, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 144, 199);  
box-shadow:4px 4px 4px 4px rgb(84, 144,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9382, 25.9549, 57.7809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 144, 199) }
```

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

```
.background{ background-color: rgb(84, 144,  
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](#).

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