

Converting Colors

XYZ(23.8298, 24.4304, 61.5854)

Have a look what the booklet for
XYZ(23.8298, 24.4304, 61.5854)
contains.

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Color

**XYZ(23.8852, 24.5180,
61.8661)**

Conversions

Conversions Part 1

Format	Color
Hex	548ACE
RGB	84, 138, 206
RGB Percent	33%, 54%, 81%
CMY	0.6706, 0.4588, 0.1922
CMYK	0.59, 0.33, 0.00, 0.19
HSL	213°, 55%, 57%
HSV	213°, 59%, 81%
XYZ	23.8852, 24.5180, 61.8661
YIQ	129.6060, -54.0120, 9.7000

Conversions

Conversions Part 2

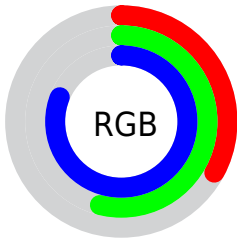
Format	Color
R _Y B	84, 121, 206
Decimal	5540558
CIE Lab	56.60, 2.58, -40.47
CIE LCh	57, 40.556, 273.650
Yxy	24.5180, 0.2166, 0.2223
Android (android.graphics.Color)	4283730638 (0xFF548ACE)
YUV	129.6060, 37.6622, -39.9965
Hunter-Lab	49.5157, -0.5481, -39.4175

Details

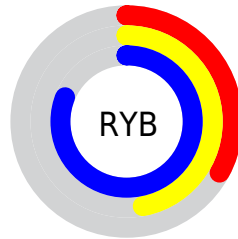
The XYZ color **23.8852, 24.5180, 61.8661** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **38.2833, 36.2202, 13.3622**, and the grayscale version is **20.9652, 22.0570, 24.0201**.

A 20% lighter version of the original color is **47.8361, 50.2324, 101.7823**, and **9.1833, 9.3920, 30.6070** is the 20% darker color. If you saturate the color by 10%, you get **20.7441, 20.5814, 61.2723**, and if you desaturate by 10%, it is **27.7444, 29.0841, 62.5445**.

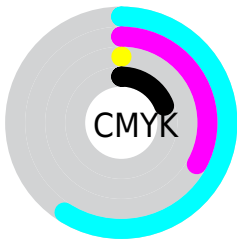
Distribution



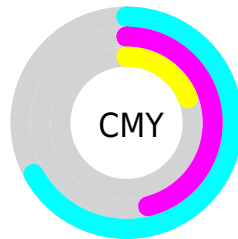
- Red (33%)
- Green (54%)
- Blue (81%)



- Red (33%)
- Yellow (47%)
- Blue (81%)



- Cyan (59%)
- Magenta (33%)
- Yellow (0%)
- Black (19%)



- Cyan (67%)
- Magenta (46%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8852, 24.5180, 61.8661 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 23.8852, 24.5180, 61.8661 by changing the saturation by 10% instead.

■ 23.8852, 24.5180,
61.8661

■ 23.8852, 24.5180,
61.8661

264.6908,
275.4290, 449.4367

■ 15.3728, 15.7183,
44.4894

■ 49.2988, 50.8742,
109.1017

■ 9.1694, 9.3250,
30.7154

■ 66.9307, 69.1995,
139.7977

■ 4.9099, 4.9538,
20.1256

■ 88.3332, 91.4688,
175.7706

■ 2.2287, 2.2202,
12.3014

■ 113.8715,
118.0665, 217.4388

■ 0.7578, 0.7310,
6.8243

143.9111,
149.3769, 265.2210

■ 0.0000, 0.0000,
3.2757

178.8173,

■ 0.0000, 0.0000,

185.7846, 319.5357

1.2371

218.9554,
227.6738, 380.8014

■ 0.0000, 0.0000,
0.0094

■ 0.0000, 0.0000,
0.0000

■ 23.8852, 24.5180,
61.8661

■ 23.8852, 24.5180,
61.8661

■ 20.7441, 20.5814,
61.2723

■ 27.7444, 29.0841,
62.5445

■ 18.2638, 17.2356,
60.7572

■ 32.3673, 34.3098,
63.3096

■ 16.3817, 14.4404,
60.3169

■ 37.7984, 40.2257,
64.1652

■ 14.9942, 12.1335,
59.9448

■ 44.0781, 46.8596,
65.1147

■ 14.8970, 11.9688,
59.9181

■ 51.2437, 54.2377,
66.1611

■ 59.3302, 62.3844,
67.3074

■ 68.3708, 71.3232,
68.5563

■ 78.3967, 81.0765,
69.9104

■ 83.9376, 88.8300,
71.1150

Harmonies

Analogous

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



19.5091, 24.5180, 57.3516



23.8852, 24.5180, 61.8661



28.6932, 24.5180, 54.6450

Triad

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



23.8852, 24.5180, 61.8661



31.6885, 24.5180, 14.7446



16.0911, 24.5180, 16.7558

Complementary

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



23.8852, 24.5180, 61.8661



38.2833, 36.2202, 13.3622

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.



18.6351, 24.5180, 10.3979



23.8852, 24.5180, 61.8661



27.5607, 24.5180, 9.5415

Square

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



23.8852, 24.5180, 61.8661



33.5652, 24.5180, 25.0778



22.7316, 24.5180, 8.2712



15.3808, 24.5180, 28.3822

Rectangle

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



23.8852, 24.5180, 61.8661



31.3890, 24.5180, 45.2179



22.7316, 24.5180, 8.2712



16.7416, 24.5180, 14.0807

Sweetspot

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



23.8861, 24.5188, 61.8667



72.5073, 77.0588, 105.6600



31.3225, 48.2658, 36.9875



14.8376, 15.7820, 22.5142



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.



23.8861, 24.5188, 61.8667



32.4397, 31.8128, 99.0385



18.5382, 12.9768, 59.9207



11.0036, 11.6476, 14.2386



9.2664, 7.5568, 36.9265



0.5533, 0.5403, 1.9301

Inverse Universe

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



33.2122, 21.2985, 26.4060



49.5252, 28.4868, 33.4968



47.4650, 57.0489, 16.8986



11.4152, 11.2948, 12.7209



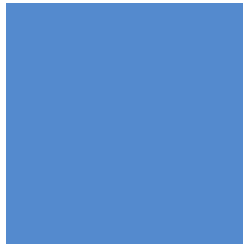
16.8882, 8.5659, 7.1297



0.9092, 0.4571, 0.5677

Previews

White Background



This preview shows how the XYZ color 23.8852, 24.5180, 61.8661 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 23.8852, 24.5180, 61.8661 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 23.8852, 24.5180, 61.8661

Background



This preview shows how black text looks on a background with the XYZ color 23.8852, 24.5180, 61.8661.

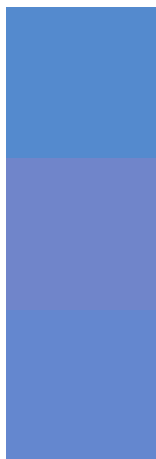


This preview shows how white text looks on a background with the XYZ color 23.8852, 24.5180,

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

23.8852, 24.5180, 61.8661

Protanopia

25.7303, 24.4841, 59.2469

Deuteranopia

25.1820, 24.5423, 62.4414



Tritanopia

18.8061, 24.4606, 36.5311

Trichromacy



Original Color

23.8852, 24.5180, 61.8661

Protanomaly

24.9230, 24.4645, 59.9085

Deuteranomaly

24.6827, 24.4930, 62.4582

Tritanomaly

20.4083, 24.4207, 44.7123

Monochromacy



Original Color

23.8852, 24.5180, 61.8661

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.3691, 22.7544, 35.6135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8852, 24.5180, 61.8661 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, 138, 206)` looks like.

```
.text, #text, p{  
    color:rgb(84, 138, 206)  
}
```

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, 138, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 138, 206) }
```

Border

The CSS property to change the border of an element to XYZ 23.8852, 24.5180, 61.8661 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, 138, 206) }
```


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

```
.border{ border-color:rgb(84, 138, 206) }
```

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

Here you see how a box with a 4 pixel rgb(84, 138, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 138, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 138, 206);  
box-shadow:4px 4px 4px 4px rgb(84, 138,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8852, 24.5180, 61.8661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 138, 206) }
```

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

```
.background{ background-color: rgb(84, 138,  
206) }
```

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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