

Converting Colors

XYZ(24.1790, 25.4484, 57.6668)

Have a look what the booklet for
XYZ(24.1790, 25.4484, 57.6668)
contains.

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Color

**XYZ(24.1481, 25.3974,
57.6623)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8DC7
RGB	91, 141, 199
RGB Percent	36%, 55%, 78%
CMY	0.6431, 0.4471, 0.2196
CMYK	0.54, 0.29, 0.00, 0.22
HSL	212°, 49%, 57%
HSV	212°, 54%, 78%
XYZ	24.1481, 25.3974, 57.6623
YIQ	132.6620, -48.4180, 7.4380

Conversions

Conversions Part 2

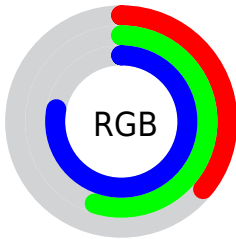
Format	Color
R _Y B	91, 125, 199
Decimal	6000071
CIE Lab	57.46, 0.04, -35.15
CIE LCh	57, 35.155, 270.062
Yxy	25.3974, 0.2252, 0.2369
Android (android.graphics.Color)	4284190151 (0xFF5B8DC7)
YUV	132.6620, 32.7046, -36.5376
Hunter-Lab	50.3958, -2.6611, -32.5618

Details

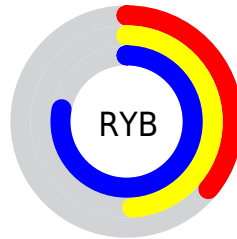
The XYZ color **24.1481, 25.3974, 57.6623** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **36.1902, 34.3941, 14.6301**, and the grayscale version is **22.0701, 23.2195, 25.2860**.

A 20% lighter version of the original color is **49.5545, 52.0995, 102.0521**, and **9.3039, 9.7595, 28.1815** is the 20% darker color. If you saturate the color by 10%, you get **20.9397, 21.5162, 57.0828**, and if you desaturate by 10%, it is **28.0305, 29.8527, 58.3181**.

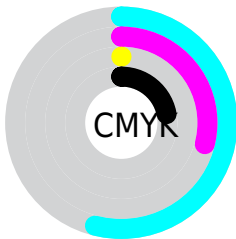
Distribution



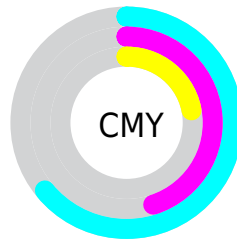
- Red (36%)
- Green (55%)
- Blue (78%)



- Red (36%)
- Yellow (49%)
- Blue (78%)



- Cyan (54%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1481, 25.3974, 57.6623 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 24.1481, 25.3974, 57.6623 by changing the saturation by 10% instead.

■ 24.1481, 25.3974,
57.6623

■ 24.1481, 25.3974,
57.6623

265.9950,
279.8113, 433.4895

■ 15.5688, 16.3734,
41.1243

■ 49.7247, 52.3012,
102.9408

■ 9.3085, 9.7888,
28.0958

■ 67.4527, 70.9498,
132.5185

■ 5.0017, 5.2591,
18.1582

■ 88.9611, 93.5753,
167.2797

■ 2.2830, 2.4001,
10.8930

■ 114.6151,
120.5622, 207.6432

■ 0.7859, 0.8259,
5.8817

144.7802,
152.2948, 254.0273

■ 0.0000, 0.0000,
2.7056

179.8216,

■ 0.0000, 0.0000,

189.1576, 306.8507

0.9463

220.1047,
231.5350, 366.5319

■ 0.0000, 0.0000,
0.0000

■ 24.1481, 25.3974,
57.6623

■ 24.1481, 25.3974,
57.6623

■ 20.9397, 21.5162,
57.0828

■ 28.0305, 29.8527,
58.3181

■ 18.3562, 18.1761,
56.5742

■ 32.6257, 34.9069,
59.0515

■ 16.3454, 15.3441,
56.1336

■ 37.9728, 40.5865,
59.8659

■ 14.8437, 12.9802,
55.7564

■ 44.1067, 46.9151,
60.7642

■ 14.1471, 11.7999,
55.5653

■ 51.0604, 53.9152,
61.7489

■ 58.8646, 61.6079,
62.8224

■ 67.5486, 70.0135,
63.9871

■ 77.1400, 79.1513,
65.2454

■ 81.8876, 86.0610,
66.3288

Harmonies

Analogous

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



20.3451, 25.3974, 52.7913



24.1481, 25.3974, 57.6623



28.3952, 25.3974, 52.7533

Triad

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



24.1481, 25.3974, 57.6623



31.7882, 25.3974, 17.6483



17.8210, 25.3974, 17.6800

Complementary

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



24.1481, 25.3974, 57.6623



36.1902, 34.3941, 14.6301

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.



20.3318, 25.3974, 12.1285



24.1481, 25.3974, 57.6623



28.3785, 25.3974, 12.1142

Square

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



24.1481, 25.3974, 57.6623



33.1053, 25.3974, 27.6287



24.1308, 25.3974, 10.4269



16.9589, 25.3974, 27.6782

Rectangle

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



24.1481, 25.3974, 57.6623



30.8438, 25.3974, 45.2259



24.1308, 25.3974, 10.4269



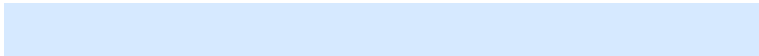
18.4847, 25.3974, 15.3488

Sweetspot

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



24.1490, 25.3983, 57.6629



75.0039, 79.8741, 106.0719



30.1317, 45.2289, 35.4099



15.5613, 16.5907, 22.6321



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.



24.1490, 25.3983, 57.6629



35.8271, 36.6227, 99.7883



18.7289, 14.0185, 55.7521



10.4546, 11.0832, 13.5057



9.1826, 7.7590, 35.7580



0.5071, 0.5119, 1.7172

Inverse Universe

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



32.1029, 21.5485, 27.6673



51.7147, 31.1990, 39.3649



44.9216, 53.2583, 17.8111



10.8347, 10.7173, 12.1129



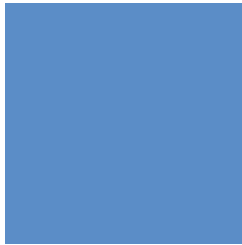
16.4343, 8.3233, 7.4967



0.8146, 0.4087, 0.5471

Previews

White Background



This preview shows how the XYZ color 24.1481, 25.3974, 57.6623 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 24.1481, 25.3974, 57.6623 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 24.1481, 25.3974, 57.6623

Background



This preview shows how black text looks on a background with the XYZ color 24.1481, 25.3974, 57.6623.

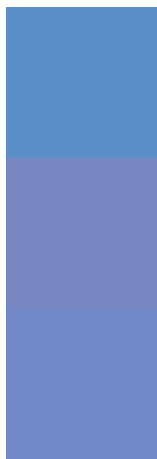


This preview shows how white text looks on a background with the XYZ color 24.1481, 25.3974,

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

24.1481, 25.3974, 57.6623

Protanopia

26.0093, 25.1449, 54.5216

Deuteranopia

25.9116, 25.2232, 58.1465



Tritanopia

19.9956, 25.2957, 37.0864

Trichromacy



Original Color

24.1481, 25.3974, 57.6623

Protanomaly

25.2161, 25.1281, 55.7457

Deuteranomaly

25.2227, 25.2901, 58.1957

Tritanomaly

21.2451, 25.1006, 43.7696

Monochromacy



Original Color

24.1481, 25.3974, 57.6623

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.3612, 23.8942, 35.3318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1481, 25.3974, 57.6623 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(91, 141, 199)` looks like.

```
.text, #text, p{  
    color:rgb(91, 141, 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(91, 141, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 141, 199) }
```

Border

The CSS property to change the border of an element to XYZ 24.1481, 25.3974, 57.6623 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(91, 141, 199) }
```


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

```
.border{ border-color:rgb(91, 141, 199) }
```

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

Here you see how a box with a 4 pixel rgb(91, 141, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 141, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 141, 199);  
box-shadow:4px 4px 4px 4px rgb(91, 141,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1481, 25.3974, 57.6623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 141, 199) }
```

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

```
.background{ background-color: rgb(91, 141,  
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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