

Converting Colors

XYZ(23.5661, 25.8023, 54.1889)

Have a look what the booklet for
XYZ(23.5661, 25.8023, 54.1889)
contains.

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Color

**XYZ(23.6234, 25.8715,
54.2007)**

Conversions

Conversions Part 1

Format	Color
Hex	5890C1
RGB	88, 144, 193
RGB Percent	35%, 56%, 76%
CMY	0.6549, 0.4353, 0.2431
CMYK	0.54, 0.25, 0.00, 0.24
HSL	208°, 46%, 55%
HSV	208°, 54%, 76%
XYZ	23.6234, 25.8715, 54.2007
YIQ	132.8420, -49.1050, 3.3670

Conversions

Conversions Part 2

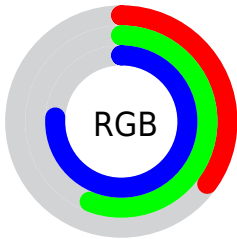
Format	Color
R _Y B	88, 125, 193
Decimal	5804225
CIE Lab	57.91, -4.23, -31.07
CIE LCh	58, 31.353, 262.245
Yxy	25.8715, 0.2278, 0.2495
Android (android.graphics.Color)	4283994305 (0xFF5890C1)
YUV	132.8420, 29.6579, -39.3264
Hunter-Lab	50.8640, -6.1091, -27.5746

Details

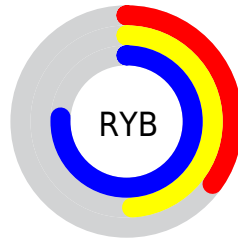
The XYZ color **23.6234, 25.8715, 54.2007** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **32.7003, 29.9345, 13.2880**, and the grayscale version is **22.1462, 23.2995, 25.3731**.

A 20% lighter version of the original color is **48.9510, 53.2196, 98.1349**, and **9.0396, 10.0637, 25.8921** is the 20% darker color. If you saturate the color by 10%, you get **20.7224, 22.4314, 53.6901**, and if you desaturate by 10%, it is **27.1186, 29.7805, 54.7715**.

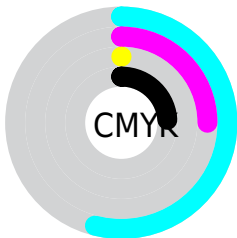
Distribution



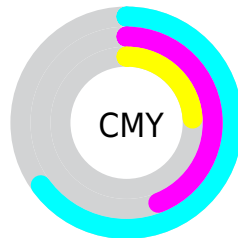
- Red (35%)
- Green (56%)
- Blue (76%)



- Red (35%)
- Yellow (49%)
- Blue (76%)



- Cyan (54%)
- Magenta (25%)
- Yellow (0%)
- Black (24%)



- Cyan (65%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6234, 25.8715, 54.2007 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 23.6234, 25.8715, 54.2007 by changing the saturation by 10% instead.

■ 23.6234, 25.8715,
54.2007

■ 23.6234, 25.8715,
54.2007

263.3869,
282.1507, 420.0711

■ 15.1777, 16.7275,
38.3679

■ 48.8741, 53.0676,
97.8282

■ 9.0313, 10.0404,
25.9643

■ 66.4098, 71.8885,
126.4600

■ 4.8189, 5.4258,
16.5714

■ 87.7063, 94.7038,
160.1952

■ 2.1751, 2.4992,
9.7707

■ 113.1288,
121.8979, 199.4524

■ 0.7295, 0.8762,
5.1436

143.0428,
153.8553, 244.6500

■ 0.0000, 0.0000,
2.2715

177.8136,

■ 0.0000, 0.0000,

190.9603, 296.2066

0.7152

217.8065,
233.5973, 354.5408

■ 0.0000, 0.0000,
0.0000

■ 23.6234, 25.8715,
54.2007

■ 23.6234, 25.8715,
54.2007

■ 20.7224, 22.4314,
53.6901

■ 27.1186, 29.7805,
54.7715

■ 18.3714, 19.4322,
53.2351

■ 31.2425, 34.1783,
55.4030

■ 16.5234, 16.8462,
52.8334

■ 36.0301, 39.0870,
56.0981

■ 15.1211, 14.6400,
52.4814

■ 41.5127, 44.5261,
56.8590

■ 14.4693, 13.5374,
52.3030

■ 47.7196, 50.5139,
57.6877

■ 54.6782, 57.0680,
58.5860

■ 62.4146, 64.2048,
59.5558

■ 70.9534, 71.9401,
60.5988

■ 77.8081, 78.9950,
61.5992

Harmonies

Analogous

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



20.4075, 25.8715, 48.0126



23.6234, 25.8715, 54.2007



27.4420, 25.8715, 52.1281

Triad

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



23.6234, 25.8715, 54.2007



31.9401, 25.8715, 21.0092



19.2853, 25.8715, 17.2608

Complementary

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



23.6234, 25.8715, 54.2007



32.7003, 29.9345, 13.2880

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.



21.9429, 25.8715, 12.9753



23.6234, 25.8715, 54.2007



29.3083, 25.8715, 14.7216

Square

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



23.6234, 25.8715, 54.2007



32.5076, 25.8715, 31.0694



25.5828, 25.8715, 12.1826



18.0754, 25.8715, 25.4562

Rectangle

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



23.6234, 25.8715, 54.2007



29.8008, 25.8715, 46.5343



25.5828, 25.8715, 12.1826



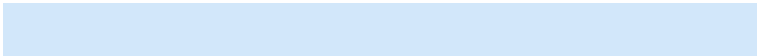
20.0252, 25.8715, 15.4114

Sweetspot

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



23.6243, 25.8724, 54.2013



72.4374, 77.8718, 101.5732



27.6107, 42.0215, 30.3238



15.0916, 16.2637, 21.7291



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.6243, 25.8724, 54.2013



36.3683, 39.2539, 96.0202



17.4351, 13.4940, 52.1383



9.9631, 10.6175, 12.8091



9.7044, 9.1653, 34.8142



0.4878, 0.5330, 1.5270

Inverse Universe

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



30.5169, 20.3315, 28.7024



50.4838, 30.2572, 43.2730



42.0597, 48.6533, 16.4078



10.2927, 10.1657, 11.6317



16.2943, 8.2075, 9.4619



0.7386, 0.3684, 0.5908

Previews

White Background



This preview shows how the XYZ color 23.6234, 25.8715, 54.2007 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 23.6234, 25.8715, 54.2007 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 23.6234, 25.8715, 54.2007

Background



This preview shows how black text looks on a background with the XYZ color 23.6234, 25.8715, 54.2007.

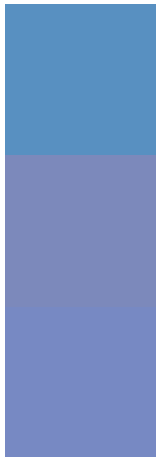


This preview shows how white text looks on a background with the XYZ color 23.6234, 25.8715,

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

23.6234, 25.8715, 54.2007

Protanopia

26.2275, 25.7643, 50.6044

Deuteranopia

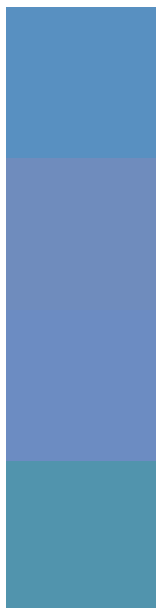
26.4037, 25.7534, 55.2090



Tritanopia

20.4885, 25.9991, 38.1209

Trichromacy



Original Color

23.6234, 25.8715, 54.2007

Protanomaly

25.1189, 25.8098, 51.8020

Deuteranomaly

25.3000, 25.8394, 54.6930

Tritanomaly

21.5261, 25.9463, 43.4087

Monochromacy



Original Color

23.6234, 25.8715, 54.2007

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.1982, 24.0398, 34.4805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6234, 25.8715, 54.2007 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, 144, 193)` looks like.

```
.text, #text, p{  
    color:rgb(88, 144, 193)  
}
```

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, 144, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 144, 193) }
```

Border

The CSS property to change the border of an element to XYZ 23.6234, 25.8715, 54.2007 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, 144, 193) }
```


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

```
.border{ border-color:rgb(88, 144, 193) }
```

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

Here you see how a box with a 4 pixel rgb(88, 144, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 144, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 144, 193);  
box-shadow:4px 4px 4px 4px rgb(88, 144,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6234, 25.8715, 54.2007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 144, 193) }
```

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

```
.background{ background-color: rgb(88, 144,  
193) }
```

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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