

Converting Colors

XYZ(23.1762, 24.1942, 59.9483)

Have a look what the booklet for
XYZ(23.1762, 24.1942, 59.9483)
contains.

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Color

**XYZ(23.1762, 24.1942,
59.9483)**

Conversions

Conversions Part 1

Format	Color
Hex	508ACB
RGB	80, 138, 203
RGB Percent	31%, 54%, 80%
CMY	0.6863, 0.4588, 0.2039
CMYK	0.61, 0.32, 0.00, 0.20
HSL	212°, 54%, 55%
HSV	212°, 61%, 80%
XYZ	23.1762, 24.1942, 59.9483
YIQ	128.0680, -55.4330, 7.9190

Conversions

Conversions Part 2

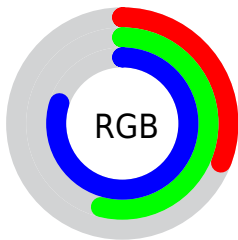
Format	Color
R _Y B	80, 119, 203
Decimal	5278411
CIE Lab	56.28, 0.81, -39.30
CIE LCh	56, 39.306, 271.184
Yxy	24.1942, 0.2160, 0.2254
Android (android.graphics.Color)	4283468491 (0xFF508ACB)
YUV	128.0680, 36.9415, -42.1556
Hunter-Lab	49.1876, -1.9727, -37.8295

Details

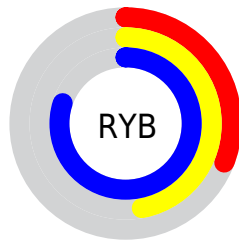
The XYZ color **23.1762, 24.1942, 59.9483** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **36.2032, 33.5283, 12.1541**, and the grayscale version is **20.4320, 21.4961, 23.4092**.

A 20% lighter version of the original color is **47.3283, 49.9706, 101.7586**, and **8.9177, 9.2829, 29.3387** is the 20% darker color. If you saturate the color by 10%, you get **20.2501, 20.5129, 59.3925**, and if you desaturate by 10%, it is **26.7738, 28.4481, 60.5803**.

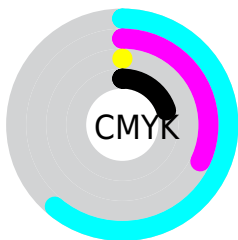
Distribution



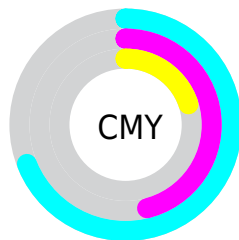
- Red (31%)
- Green (54%)
- Blue (80%)



- Red (31%)
- Yellow (47%)
- Blue (80%)



- Cyan (61%)
- Magenta (32%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (46%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1762, 24.1942, 59.9483 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 23.1762, 24.1942, 59.9483 by changing the saturation by 10% instead.

■ 23.1762, 24.1942,
59.9483

■ 23.1762, 24.1942,
59.9483

261.1472,
273.8008, 442.2065

■ 14.8451, 15.4777,
42.9519

■ 48.1470, 50.3469,
106.2973

■ 8.7963, 9.1554,
29.5163

■ 65.5174, 68.5520,
136.4870

■ 4.6646, 4.8427,
19.2228

■ 86.6316, 90.6887,
171.9116

■ 2.0846, 2.1552,
11.6529

■ 111.8550,
117.1414, 212.9896

■ 0.6808, 0.6954,
6.3882

141.5529,
148.2946, 260.1396

■ 0.0000, 0.0000,
3.0099

176.0906,

■ 0.0000, 0.0000,

184.5327, 313.7800

1.0997

215.8336,
226.2399, 374.3295

■ 0.0000, 0.0000,
0.0000

■ 23.1762, 24.1942,
59.9483

■ 23.1762, 24.1942,
59.9483

■ 20.2501, 20.5129,
59.3925

■ 26.7738, 28.4481,
60.5803

■ 17.9402, 17.3681,
58.9072

■ 31.0867, 33.3024,
61.2899

■ 16.1855, 14.7219,
58.4889

■ 36.1577, 38.7855,
62.0810

■ 14.9370, 12.6267,
58.1503

■ 42.0255, 44.9230,
62.9564

■ 48.7257, 51.7390,
63.9189

■ 56.2918, 59.2562,
64.9710

■ 64.7553, 67.4959,
66.1154

■ 74.1461, 76.4788,
67.3543

■ 81.6003, 84.7332,
68.5547

Harmonies

Analogous

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



19.0508, 24.1942, 54.7740



23.1762, 24.1942, 59.9483



27.8032, 24.1942, 53.9391

Triad

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



23.1762, 24.1942, 59.9483



31.2743, 24.1942, 15.4299



16.1820, 24.1942, 16.0630

Complementary

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



23.1762, 24.1942, 59.9483



36.2032, 33.5283, 12.1541

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.



18.7773, 24.1942, 10.2554



23.1762, 24.1942, 59.9483



27.4511, 24.1942, 9.9832

Square

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



23.1762, 24.1942, 59.9483



32.8411, 24.1942, 25.8316



22.8165, 24.1942, 8.4550



15.3457, 24.1942, 26.8619

Rectangle

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



23.1762, 24.1942, 59.9483



30.4657, 24.1942, 45.2599



22.8165, 24.1942, 8.4550



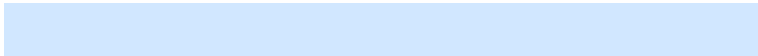
16.8592, 24.1942, 13.6046

Sweetspot

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



23.1771, 24.1950, 59.9489



72.8769, 77.7981, 105.7833



29.6649, 46.4179, 33.6030



14.9274, 15.9616, 22.5441



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.



23.1771, 24.1950, 59.9489



32.4873, 32.4671, 99.1622



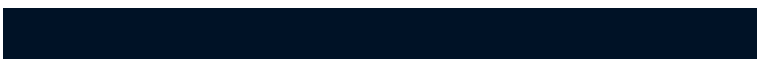
17.1332, 11.8464, 57.8839



11.0307, 11.7017, 14.2477



9.5955, 8.2150, 37.0362



0.5708, 0.5753, 1.9359

Inverse Universe

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



32.0855, 20.2699, 26.2668



49.4128, 27.9194, 34.5154



46.8785, 55.7022, 15.8715



11.4288, 11.3003, 12.7929



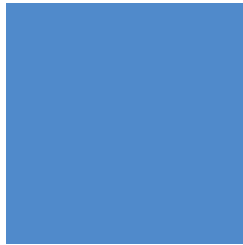
17.0543, 8.6323, 8.0044



0.9181, 0.4606, 0.6143

Previews

White Background



This preview shows how the XYZ color 23.1762, 24.1942, 59.9483 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 23.1762, 24.1942, 59.9483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

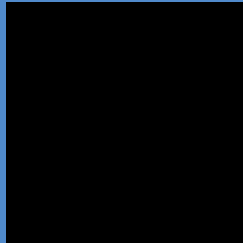
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.1762, 24.1942, 59.9483

Background



This preview shows how black text looks on a background with the XYZ color 23.1762, 24.1942, 59.9483.

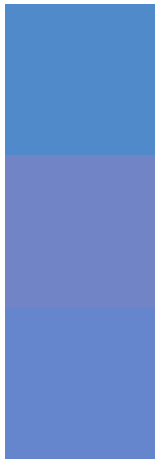


This preview shows how white text looks on a background with the XYZ color 23.1762, 24.1942,

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

23.1762, 24.1942, 59.9483

Protanopia

25.1264, 24.0245, 56.7390

Deuteranopia

24.7910, 24.1765, 60.4867



Tritanopia

18.5552, 24.3313, 36.5193

Trichromacy



Original Color

23.1762, 24.1942, 59.9483

Protanomaly

24.2060, 23.9297, 57.9867

Deuteranomaly

24.0773, 24.0147, 60.4930

Tritanomaly

20.0259, 24.2350, 44.1798

Monochromacy



Original Color

23.1762, 24.1942, 59.9483

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.7232, 22.2486, 34.2125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1762, 24.1942, 59.9483 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(80, 138, 203)` looks like.

```
.text, #text, p{  
    color:rgb(80, 138, 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(80, 138, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 138, 203) }
```

Border

The CSS property to change the border of an element to XYZ 23.1762, 24.1942, 59.9483 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(80, 138, 203) }
```


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

```
.border{ border-color:rgb(80, 138, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 138, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 138, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 138, 203);  
box-shadow:4px 4px 4px 4px rgb(80, 138,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1762, 24.1942, 59.9483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 138, 203) }
```

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

```
.background{ background-color: rgb(80, 138,  
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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