

Converting Colors

XYZ(23.8326, 23.9341, 50.0384)

Have a look what the booklet for
XYZ(23.8326, 23.9341, 50.0384)
contains.

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Color

**XYZ(23.8184, 23.9104,
49.8142)**

Conversions

Conversions Part 1

Format	Color
Hex	6E86BA
RGB	110, 134, 186
RGB Percent	43%, 53%, 73%
CMY	0.5686, 0.4745, 0.2706
CMYK	0.41, 0.28, 0.00, 0.27
HSL	221°, 36%, 58%
HSV	221°, 41%, 73%
XYZ	23.8184, 23.9104, 49.8142
YIQ	132.7520, -30.9960, 11.0840

Conversions

Conversions Part 2

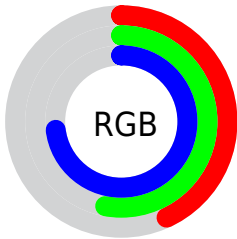
Format	Color
R_{YB}	110, 128, 186
Decimal	7243450
CIE _{Lab}	56.00, 4.89, -29.97
CIE _{LCh}	56, 30.371, 279.274
Y _{xy}	23.9104, 0.2442, 0.2451
Android (android.graphics.Color)	4285433530 (0xFF6E86BA)
YUV	132.7520, 26.2513, -19.9535
Hunter-Lab	48.8983, 1.3756, -26.1718

Details

The XYZ color **23.8184, 23.9104, 49.8142** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **35.9850, 37.4061, 20.0761**, and the grayscale version is **22.1206, 23.2726, 25.3439**.

A 20% lighter version of the original color is **49.1072, 49.8440, 91.0370**, and **9.1695, 9.0603, 23.4558** is the 20% darker color. If you saturate the color by 10%, you get **20.0882, 19.5319, 49.1661**, and if you desaturate by 10%, it is **28.2477, 28.9645, 50.5567**.

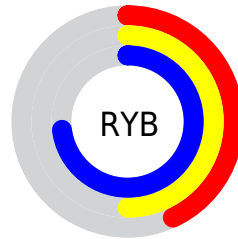
Distribution



Red (43%)

Green (53%)

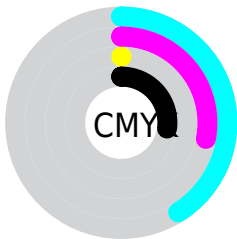
Blue (73%)



Red (43%)

Yellow (50%)

Blue (73%)

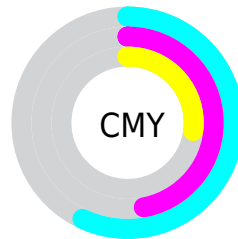


Cyan (41%)

Magenta (28%)

Yellow (0%)

Black (27%)



Cyan (57%)

Magenta (47%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8184, 23.9104, 49.8142 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 23.8184, 23.9104, 49.8142 by changing the saturation by 10% instead.

■ 23.8184, 23.9104,
49.8142

■ 23.8184, 23.9104,
49.8142

264.3586,
272.3672, 402.6531

■ 15.3230, 15.2672,
34.8956

■ 49.1905, 49.8839,
91.2930

■ 9.1342, 9.0071,
23.2996

■ 66.7979, 67.9831,
118.6903

■ 4.8866, 4.7458,
14.6075

■ 88.1734, 90.0029,
151.0843

■ 2.2150, 2.0989,
8.4008

■ 113.6822,
116.3279, 188.8935

■ 0.7506, 0.6640,
4.2611

143.6898,
147.3424, 232.5364

■ 0.0000, 0.0000,
1.7696

178.5615,

■ 0.0000, 0.0000,

183.4309, 282.4317

0.4078

218.6627,
224.9777, 338.9977

■ 0.0000, 0.0000,
0.0000

■ 23.8184, 23.9104,
49.8142

■ 23.8184, 23.9104,
49.8142

■ 20.0882, 19.5319,
49.1661

■ 28.2477, 28.9645,
50.5567

■ 17.0165, 15.7955,
48.6068

■ 33.4086, 34.7201,
51.3957

■ 14.5620, 12.6687,
48.1326

■ 39.3347, 41.2051,
52.3350

■ 12.6775, 10.1146,
47.7390

■ 46.0565, 48.4447,
53.3782

■ 11.3077, 8.0913,
47.4206

■ 53.6030, 56.4632,
54.5281

■ 10.4136, 6.6463,
47.1888

■ 62.0014, 65.2835,
55.7880

■ 71.2780, 74.9276,
57.1606

■ 80.0446, 84.6883,
58.5825

■ 83.8364, 92.2719,
59.8464

Harmonies

Analogous

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



20.4456, 23.9104, 48.3085



23.8184, 23.9104, 49.8142



27.2169, 23.9104, 43.8061

Triad

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



23.8184, 23.9104, 49.8142



28.2926, 23.9104, 15.7146



17.0394, 23.9104, 19.8402

Complementary

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



23.8184, 23.9104, 49.8142



35.9850, 37.4061, 20.0761

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.



18.7586, 23.9104, 13.8663



23.8184, 23.9104, 49.8142



25.1702, 23.9104, 11.9398

Square

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



23.8184, 23.9104, 49.8142



29.9678, 23.9104, 23.0748



21.6678, 23.9104, 11.3624



16.7565, 23.9104, 29.2368

Rectangle

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



23.8184, 23.9104, 49.8142



28.9578, 23.9104, 37.0694



21.6678, 23.9104, 11.3624



17.4594, 23.9104, 17.4404

Sweetspot

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



23.8192, 23.9113, 49.8148



69.7745, 73.0330, 94.6207



30.5056, 41.0396, 40.4657



15.0435, 15.7325, 20.7864



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



23.8192, 23.9113, 49.8148



37.0622, 36.1786, 89.2312



22.7421, 18.9780, 48.9193



8.7464, 9.1700, 11.3884



7.0661, 4.5919, 31.7670



0.3063, 0.2764, 1.1389

Inverse Universe

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



30.1294, 23.3130, 25.4671



50.2908, 35.7980, 37.9927



37.4019, 45.0223, 21.4715



9.1183, 9.0577, 9.9706



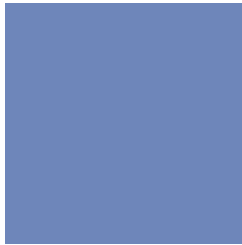
14.1803, 7.2459, 3.5705



0.5288, 0.2670, 0.2780

Previews

White Background



This preview shows how the XYZ color 23.8184, 23.9104, 49.8142 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 23.8184, 23.9104, 49.8142 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

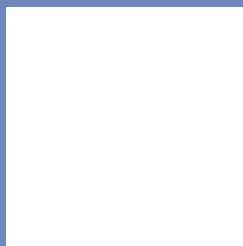
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8184, 23.9104, 49.8142

Background



This preview shows how black text looks on a background with the XYZ color 23.8184, 23.9104, 49.8142.



This preview shows how white text looks on a background with the XYZ color 23.8184, 23.9104,

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

23.8184, 23.9104, 49.8142

Protanopia

24.3742, 23.8148, 48.6595

Deuteranopia

24.3166, 23.7607, 49.7590



Tritanopia

20.4124, 23.7899, 33.2218

Trichromacy



Original Color

23.8184, 23.9104, 49.8142

Protanomaly

24.2147, 23.9227, 49.2402

Deuteranomaly

24.1899, 23.8976, 49.7921

Tritanomaly

21.4982, 23.8003, 38.5828

Monochromacy



Original Color

23.8184, 23.9104, 49.8142

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.5125, 23.4020, 33.0363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8184, 23.9104, 49.8142 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(110, 134, 186)` looks like.

```
.text, #text, p{  
    color:rgb(110, 134, 186)  
}
```

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(110, 134, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 134, 186) }
```

Border

The CSS property to change the border of an element to XYZ 23.8184, 23.9104, 49.8142 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(110, 134, 186) }
```


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

```
.border{ border-color:rgb(110, 134, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 134, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 134, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 134, 186);  
box-shadow:4px 4px 4px 4px rgb(110, 134,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8184, 23.9104, 49.8142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 134, 186) }
```

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

```
.background{ background-color: rgb(110,  
134, 186) }
```

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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