

Converting Colors

XYZ(23.4133, 26.7419, 51.5047)

Have a look what the booklet for
XYZ(23.4133, 26.7419, 51.5047)
contains.

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Color

**XYZ(23.4133, 26.7419,
51.5047)**

Conversions

Conversions Part 1

Format	Color
Hex	5594BC
RGB	85, 148, 188
RGB Percent	33%, 58%, 74%
CMY	0.6666, 0.4196, 0.2627
CMYK	0.55, 0.21, 0.00, 0.26
HSL	203°, 43%, 54%
HSV	203°, 55%, 74%
XYZ	23.4133, 26.7419, 51.5047
YIQ	133.7230, -50.3880, -0.9160

Conversions

Conversions Part 2

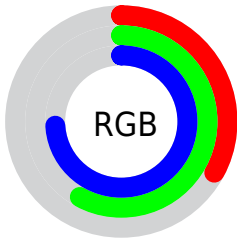
Format	Color
R _Y B	85, 124, 188
Decimal	5608636
CIE Lab	58.73, -8.70, -26.98
CIE LCh	59, 28.348, 252.129
Yxy	26.7419, 0.2303, 0.2631
Android (android.graphics.Color)	4283798716 (0xFF5594BC)
YUV	133.7230, 26.7586, -42.7301
Hunter-Lab	51.7126, -9.6796, -22.8529

Details

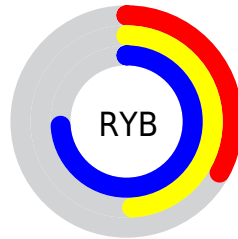
The XYZ color **23.4133, 26.7419, 51.5047** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **29.7133, 26.0156, 12.0508**, and the grayscale version is **22.4775, 23.6480, 25.7527**.

A 20% lighter version of the original color is **48.4342, 54.4354, 93.5423**, and **8.9164, 10.4371, 24.4663** is the 20% darker color. If you saturate the color by 10%, you get **20.8186, 23.7580, 51.0660**, and if you desaturate by 10%, it is **26.5354, 30.1060, 51.9900**.

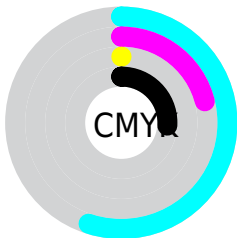
Distribution



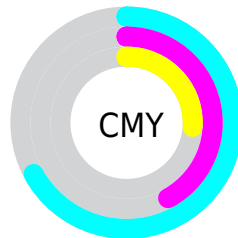
- Red (33%)
- Green (58%)
- Blue (74%)



- Red (33%)
- Yellow (49%)
- Blue (74%)



- Cyan (55%)
- Magenta (21%)
- Yellow (0%)
- Black (26%)



- Cyan (67%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4133, 26.7419, 51.5047 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 23.4133, 26.7419, 51.5047 by changing the saturation by 10% instead.

■ 23.4133, 26.7419,
51.5047

■ 23.4133, 26.7419,
51.5047

262.3366,
286.4053, 409.4239

■ 15.0214, 17.3795,
36.2309

■ 48.5328, 54.4694,
93.8195

■ 8.9208, 10.5054,
24.3215

■ 65.9910, 73.6033,
121.6976

■ 4.7462, 5.7353,
15.3579

■ 87.2020, 96.7631,
154.6142

■ 2.1324, 2.6848,
8.9215

■ 112.5312,
124.3333, 192.9879

■ 0.7067, 0.9695,
4.5939

142.3439,
156.6982, 237.2371

■ 0.0000, 0.0000,
1.9565

177.0055,

■ 0.0000, 0.0000,

194.2422, 287.7805

0.5283

216.8812,
237.3498, 345.0366

■ 0.0000, 0.0000,
0.0000

■ 23.4133, 26.7419,
51.5047

■ 23.4133, 26.7419,
51.5047

■ 20.8186, 23.7580,
51.0660

■ 26.5354, 30.1060,
51.9900

■ 18.7106, 21.1297,
50.6698

■ 30.2162, 33.8668,
52.5219

■ 17.0463, 18.8334,
50.3143

■ 34.4877, 38.0432,
53.1029

■ 15.7727, 16.8397,
49.9966

■ 39.3784, 42.6515,
53.7346

■ 15.2068, 15.8901,
49.8431

■ 44.9150, 47.7075,
54.4187

■ 51.1223, 53.2255,
55.1566

■ 58.0240, 59.2196,
55.9498

■ 65.6426, 65.7028,
56.7997

■ 73.9993, 72.6880,
57.7075

Harmonies

Analogous

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



20.7586, 26.7419, 44.0046



23.4133, 26.7419, 51.5047



26.8535, 26.7419, 52.2369

Triad

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



23.4133, 26.7419, 51.5047



32.5584, 26.7419, 25.2633



21.1766, 26.7419, 17.0639

Complementary

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



23.4133, 26.7419, 51.5047



29.7133, 26.0156, 12.0508

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.



24.0334, 26.7419, 14.0803



23.4133, 26.7419, 51.5047



30.7258, 26.7419, 18.0351

Square

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



23.4133, 26.7419, 51.5047



32.3536, 26.7419, 35.4218



27.5327, 26.7419, 14.3895



19.5509, 26.7419, 23.6092

Rectangle

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



23.4133, 26.7419, 51.5047



29.1557, 26.7419, 48.6121



27.5327, 26.7419, 14.3895



22.0131, 26.7419, 15.6867

Sweetspot

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



23.4142, 26.7429, 51.5053



69.9850, 76.0147, 97.2099



25.3991, 39.3660, 25.4903



14.6454, 15.9685, 20.8529



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.



23.4142, 26.7429, 51.5053



36.7778, 41.9082, 92.3769



17.1006, 14.1157, 49.4008



9.4890, 10.1703, 12.1352



10.4273, 10.9664, 33.9600



0.4702, 0.5530, 1.3508

Inverse Universe

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



29.3336, 19.3274, 30.2024



49.1466, 28.9783, 47.2886



37.9015, 42.3921, 14.7802



9.7687, 9.6318, 11.1709



16.2640, 8.1368, 11.9497



0.6682, 0.3312, 0.6322

Previews

White Background



This preview shows how the XYZ color 23.4133, 26.7419, 51.5047 looks on a white background.

Color Contrast Check

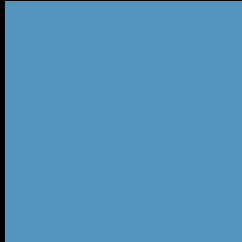
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4133, 26.7419, 51.5047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

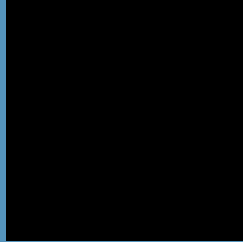
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4133, 26.7419, 51.5047

Background



This preview shows how black text looks on a background with the XYZ color 23.4133, 26.7419, 51.5047.

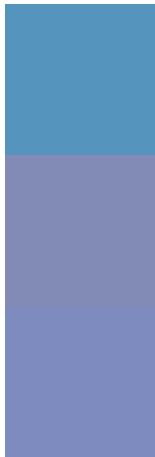


This preview shows how white text looks on a background with the XYZ color 23.4133, 26.7419,

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

23.4133, 26.7419, 51.5047

Protanopia

26.7790, 26.5473, 47.4288

Deuteranopia

27.1311, 26.6186, 52.4231



Tritanopia

21.0003, 26.7096, 39.6459

Trichromacy



Original Color

23.4133, 26.7419, 51.5047

Protanomaly

25.2642, 26.3841, 49.1085

Deuteranomaly

25.4139, 26.3996, 51.9003

Tritanomaly

21.8339, 26.8126, 43.5597

Monochromacy



Original Color

23.4133, 26.7419, 51.5047

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2678, 24.5113, 34.1294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4133, 26.7419, 51.5047 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(85, 148, 188)` looks like.

```
.text, #text, p{  
    color:rgb(85, 148, 188)  
}
```

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(85, 148, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 148, 188) }
```

Border

The CSS property to change the border of an element to XYZ 23.4133, 26.7419, 51.5047 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(85, 148, 188) }
```


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

```
.border{ border-color:rgb(85, 148, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 148, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 148, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 148, 188);  
box-shadow:4px 4px 4px 4px rgb(85, 148,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4133, 26.7419, 51.5047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 148, 188) }
```

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

```
.background{ background-color: rgb(85, 148,  
188) }
```

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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