

Converting Colors

XYZ(23.8520, 26.1830, 51.6906)

Have a look what the booklet for
XYZ(23.8520, 26.1830, 51.6906)
contains.

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Color

**XYZ(23.9268, 26.3046,
51.9603)**

Conversions

Conversions Part 1

Format	Color
Hex	5E91BD
RGB	94, 145, 189
RGB Percent	37%, 57%, 74%
CMY	0.6314, 0.4314, 0.2588
CMYK	0.50, 0.23, 0.00, 0.26
HSL	208°, 42%, 55%
HSV	208°, 50%, 74%
XYZ	23.9268, 26.3046, 51.9603
YIQ	134.7670, -44.5200, 2.8720

Conversions

Conversions Part 2

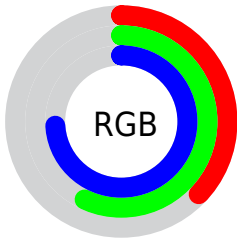
Format	Color
R_{YB}	94, 127, 189
Decimal	6197693
CIE _{Lab}	58.33, -4.66, -28.14
CIE _{LCh}	58, 28.527, 260.601
Yxy	26.3046, 0.2341, 0.2574
Android (android.graphics.Color)	4284387773 (0xFF5E91BD)
YUV	134.7670, 26.7369, -35.7527
Hunter-Lab	51.2880, -6.4805, -24.1656

Details

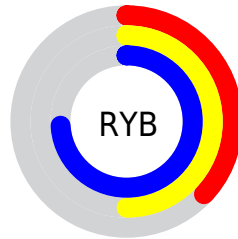
The XYZ color **23.9268, 26.3046, 51.9603** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **32.0960, 29.8050, 14.6520**, and the grayscale version is **22.8596, 24.0501, 26.1905**.

A 20% lighter version of the original color is **49.2993, 53.8290, 94.1779**, and **9.1929, 10.3088, 24.4269** is the 20% darker color. If you saturate the color by 10%, you get **20.9344, 22.8526, 51.4522**, and if you desaturate by 10%, it is **27.4985, 30.2093, 52.5262**.

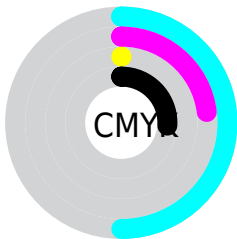
Distribution



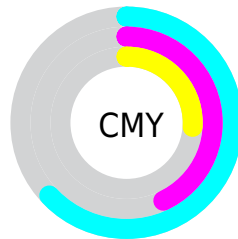
- Red (37%)
- Green (57%)
- Blue (74%)



- Red (37%)
- Yellow (50%)
- Blue (74%)



- Cyan (50%)
- Magenta (23%)
- Yellow (0%)
- Black (26%)



- Cyan (63%)
- Magenta (43%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9268, 26.3046, 51.9603 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 23.9268, 26.3046, 51.9603 by changing the saturation by 10% instead.

■ 23.9268, 26.3046,
51.9603

■ 23.9268, 26.3046,
51.9603

264.8975,
284.2741, 411.2359

■ 15.4038, 17.0517,
36.5914

■ 49.3663, 53.7659,
94.4987

■ 9.1914, 10.2713,
24.5980

■ 67.0134, 72.7431,
122.5052

■ 4.9243, 5.5792,
15.5615

■ 88.4327, 95.7305,
155.5614

■ 2.2372, 2.5910,
9.0634

■ 113.9893,
123.1125, 194.0858

■ 0.7623, 0.9221,
4.6852

144.0488,
155.2734, 238.4969

■ 0.0000, 0.0000,
2.0083

178.9764,

■ 0.0000, 0.0000,

192.5977, 289.2133

0.5604

219.1375,
235.4699, 346.6534

■ 0.0000, 0.0000,
0.0000

■ 23.9268, 26.3046,
51.9603

■ 23.9268, 26.3046,
51.9603

■ 20.9344, 22.8526,
51.4522

■ 27.4985, 30.2093,
52.5262

■ 18.4812, 19.8277,
50.9976

■ 31.6809, 34.5846,
53.1503

■ 16.5253, 17.2052,
50.5945

■ 36.5059, 39.4507,
53.8353

■ 15.0170, 14.9558,
50.2398

■ 42.0024, 44.8257,
54.5830

■ 13.8842, 13.0717,
49.9359

■ 48.1974, 50.7266,
55.3955

■ 55.1165, 57.1693,
56.2744

■ 62.7836, 64.1692,
57.2214

■ 71.2219, 71.7409,
58.2382

■ 77.0236, 78.1306,
59.1657

Harmonies

Analogous

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



20.9976, 26.3046, 46.1107



23.9268, 26.3046, 51.9603



27.4262, 26.3046, 50.5360

Triad

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



23.9268, 26.3046, 51.9603



31.7891, 26.3046, 22.4243



20.1876, 26.3046, 18.1351

Complementary

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



23.9268, 26.3046, 51.9603



32.0960, 29.8050, 14.6520

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.



22.7246, 26.3046, 14.2084



23.9268, 26.3046, 51.9603



29.4850, 26.3046, 16.2572

Square

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



23.9268, 26.3046, 51.9603



32.1868, 26.3046, 31.8799



26.1084, 26.3046, 13.6113



18.9744, 26.3046, 25.6297

Rectangle

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



23.9268, 26.3046, 51.9603



29.6050, 26.3046, 45.7573



26.1084, 26.3046, 13.6113



20.9022, 26.3046, 16.4346

Sweetspot

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



23.9277, 26.3056, 51.9609



70.1723, 75.3747, 97.0765



27.3120, 40.5745, 29.9662



14.6498, 15.7770, 20.8157



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.



23.9277, 26.3056, 51.9609



37.1562, 40.5265, 92.0903



18.2405, 14.9313, 50.0652



9.4292, 10.0507, 12.1152



9.4188, 8.9493, 33.6239



0.4338, 0.4802, 1.3387

Inverse Universe

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



30.1006, 20.8695, 29.2307



49.8596, 31.2621, 44.8817



40.1997, 46.0125, 17.3533



9.7385, 9.6197, 11.0119



15.7549, 7.9331, 9.2691



0.6499, 0.3238, 0.5354

Previews

White Background



This preview shows how the XYZ color 23.9268, 26.3046, 51.9603 looks on a white background.

Color Contrast Check

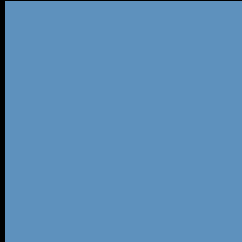
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9268, 26.3046, 51.9603 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 23.9268, 26.3046, 51.9603

Background



This preview shows how black text looks on a background with the XYZ color 23.9268, 26.3046, 51.9603.

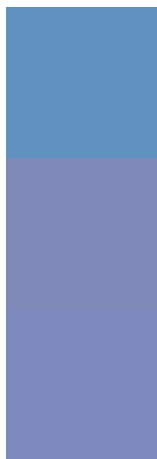


This preview shows how white text looks on a background with the XYZ color 23.9268, 26.3046,

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

23.9268, 26.3046, 51.9603

Protanopia

26.4926, 26.1497, 48.9985

Deuteranopia

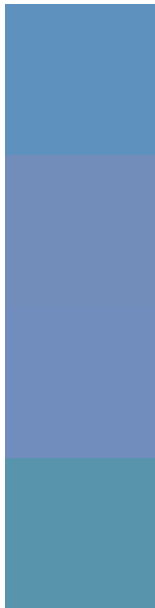
26.8046, 26.2236, 52.9391



Tritanopia

21.1742, 26.3526, 38.1530

Trichromacy



Original Color

23.9268, 26.3046, 51.9603

Protanomaly

25.4580, 26.2398, 50.1774

Deuteranomaly

25.6292, 26.2782, 52.4366

Tritanomaly

22.0608, 26.2331, 42.9305

Monochromacy



Original Color

23.9268, 26.3046, 51.9603

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.8947, 24.8249, 34.5953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9268, 26.3046, 51.9603 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(94, 145, 189)` looks like.

```
.text, #text, p{  
    color:rgb(94, 145, 189)  
}
```

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(94, 145, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 145, 189) }
```

Border

The CSS property to change the border of an element to XYZ 23.9268, 26.3046, 51.9603 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(94, 145, 189) }
```


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

```
.border{ border-color:rgb(94, 145, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 145, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 145, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 145, 189);  
box-shadow:4px 4px 4px 4px rgb(94, 145,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9268, 26.3046, 51.9603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 145, 189) }
```

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

```
.background{ background-color: rgb(94, 145,  
189) }
```

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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