

Converting Colors

XYZ(23.3063, 25.5599, 50.7189)

Have a look what the booklet for
XYZ(23.3063, 25.5599, 50.7189)
contains.

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Color

**XYZ(23.3063, 25.5599,
50.7189)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8FBB
RGB	93, 143, 187
RGB Percent	36%, 56%, 73%
CMY	0.6353, 0.4392, 0.2667
CMYK	0.50, 0.24, 0.00, 0.27
HSL	208°, 41%, 55%
HSV	208°, 50%, 73%
XYZ	23.3063, 25.5599, 50.7189
YIQ	133.0660, -43.9240, 3.0840

Conversions

Conversions Part 2

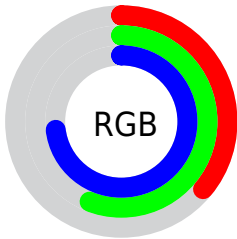
Format	Color
R _Y B	93, 126, 187
Decimal	6131643
CIE Lab	57.62, -4.36, -28.11
CIE LCh	58, 28.447, 261.184
Yxy	25.5599, 0.2340, 0.2567
Android (android.graphics.Color)	4284321723 (0xFF5D8FBB)
YUV	133.0660, 26.5895, -35.1379
Hunter-Lab	50.5568, -6.1873, -24.0903

Details

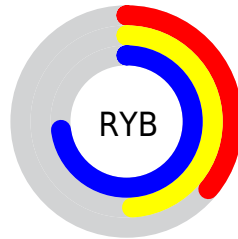
The XYZ color **23.3063, 25.5599, 50.7189** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.4158, 29.2475, 14.3465**, and the grayscale version is **22.2368, 23.3949, 25.4770**.

A 20% lighter version of the original color is **48.3567, 52.6995, 92.4174**, and **8.9106, 9.9073, 23.9969** is the 20% darker color. If you saturate the color by 10%, you get **20.3768, 22.1749, 50.2204**, and if you desaturate by 10%, it is **26.8029, 29.3905, 51.2745**.

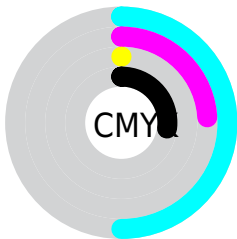
Distribution



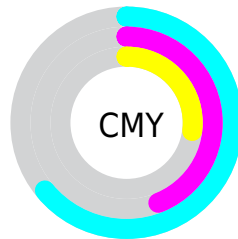
- Red (36%)
- Green (56%)
- Blue (73%)



- Red (36%)
- Yellow (49%)
- Blue (73%)



- Cyan (50%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (64%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3063, 25.5599, 50.7189 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 23.3063, 25.5599, 50.7189 by changing the saturation by 10% instead.

■ 23.3063, 25.5599,
50.7189

■ 23.3063, 25.5599,
50.7189

261.8004,
280.6149, 406.2860

■ 14.9418, 16.4947,
35.6098

■ 48.3587, 52.5641,
92.6464

■ 8.8646, 9.8749,
23.8457

■ 65.7774, 71.2719,
120.3018

■ 4.7094, 5.3161,
15.0080

■ 86.9448, 93.9626,
152.9764

■ 2.1108, 2.4339,
8.6783

■ 112.2263,
121.0208, 191.0887

■ 0.6951, 0.8432,
4.4380

141.9872,
152.8307, 235.0573

■ 0.0000, 0.0000,
1.8686

176.5930,

■ 0.0000, 0.0000,

189.7767, 285.3007

0.4726

216.4089,
232.2433, 342.2374

■ 0.0000, 0.0000,
0.0000

■ 23.3063, 25.5599,
50.7189

■ 23.3063, 25.5599,
50.7189

■ 20.3768, 22.1749,
50.2204

■ 26.8029, 29.3905,
51.2745

■ 17.9751, 19.2103,
49.7748

■ 30.8970, 33.6842,
51.8874

■ 16.0605, 16.6420,
49.3799

■ 35.6201, 38.4609,
52.5605

■ 14.5844, 14.4412,
49.0330

■ 41.0001, 43.7382,
53.2956

■ 13.4760, 12.6004,
48.7361

■ 47.0636, 49.5329,
54.0945

■ 53.8355, 55.8608,
54.9590

■ 61.3392, 62.7368,
55.8907

■ 69.5972, 70.1753,
56.8912

■ 76.2731, 76.9747,
57.8518

Harmonies

Analogous

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



20.4243, 25.5599, 45.1044



23.3063, 25.5599, 50.7189



26.7323, 25.5599, 49.1779

Triad

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



23.3063, 25.5599, 50.7189



30.9095, 25.5599, 21.6013



19.5504, 25.5599, 17.6720

Complementary

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



23.3063, 25.5599, 50.7189



31.4158, 29.2475, 14.3465

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.



22.0085, 25.5599, 13.7750



23.3063, 25.5599, 50.7189



28.6238, 25.5599, 15.6484

Square

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



23.3063, 25.5599, 50.7189



31.3393, 25.5599, 30.7977



25.3091, 25.5599, 13.1323



18.3925, 25.5599, 25.0601

Rectangle

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



23.3063, 25.5599, 50.7189



28.8552, 25.5599, 44.4218



25.3091, 25.5599, 13.1323



20.2406, 25.5599, 15.9896

Sweetspot

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



23.3072, 25.5608, 50.7195



68.4843, 73.5158, 94.7819



26.7912, 39.6708, 29.8630



14.6378, 15.7530, 20.8117



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.



23.3072, 25.5608, 50.7195



36.1610, 39.3163, 89.8843



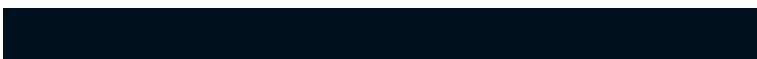
17.6798, 14.3062, 48.8437



9.4253, 10.0429, 12.1139



9.3579, 8.8275, 33.6036



0.4315, 0.4757, 1.3379

Inverse Universe

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



29.3666, 20.3776, 28.3729



48.6301, 30.5167, 43.4807



39.5827, 45.5813, 17.0688



9.7365, 9.6189, 11.0015



15.7242, 7.9208, 9.1071



0.6487, 0.3234, 0.5293

Previews

White Background



This preview shows how the XYZ color 23.3063, 25.5599, 50.7189 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 23.3063, 25.5599, 50.7189 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

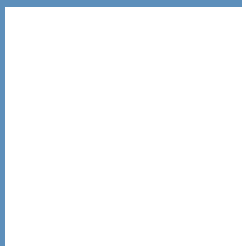
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3063, 25.5599, 50.7189

Background



This preview shows how black text looks on a background with the XYZ color 23.3063, 25.5599, 50.7189.

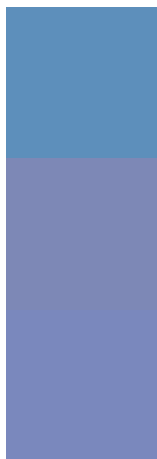


This preview shows how white text looks on a background with the XYZ color 23.3063, 25.5599,

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

23.3063, 25.5599, 50.7189

Protanopia

25.7051, 25.3457, 47.7934

Deuteranopia

26.0155, 25.4200, 51.6795



Tritanopia

20.5912, 25.6027, 37.1142

Trichromacy



Original Color

23.3063, 25.5599, 50.7189

Protanomaly

24.6944, 25.4366, 48.9556

Deuteranomaly

24.8653, 25.4756, 51.1837

Tritanomaly

21.4651, 25.4863, 41.8182

Monochromacy



Original Color

23.3063, 25.5599, 50.7189

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.1666, 24.0428, 33.6094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3063, 25.5599, 50.7189 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(93, 143, 187)` looks like.

```
.text, #text, p{  
    color:rgb(93, 143, 187)  
}
```

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(93, 143, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 143, 187) }
```

Border

The CSS property to change the border of an element to XYZ 23.3063, 25.5599, 50.7189 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(93, 143, 187) }
```


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

```
.border{ border-color:rgb(93, 143, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 143, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 143, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 143, 187);  
box-shadow:4px 4px 4px 4px rgb(93, 143,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3063, 25.5599, 50.7189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 143, 187) }
```

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

```
.background{ background-color: rgb(93, 143,  
187) }
```

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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