

Converting Colors

XYZ(23.1257, 23.5247, 52.8816)

Have a look what the booklet for
XYZ(23.1257, 23.5247, 52.8816)
contains.

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Color

**XYZ(23.0747, 23.4644,
52.6031)**

Conversions

Conversions Part 1

Format	Color
Hex	6386BF
RGB	99, 134, 191
RGB Percent	39%, 53%, 75%
CMY	0.6117, 0.4745, 0.2510
CMYK	0.48, 0.30, 0.00, 0.25
HSL	217°, 42%, 57%
HSV	217°, 48%, 75%
XYZ	23.0747, 23.4644, 52.6031
YIQ	130.0330, -39.1570, 10.3070

Conversions

Conversions Part 2

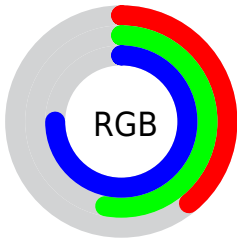
Format	Color
R_{YB}	99, 124, 191
Decimal	6522559
CIE Lab	55.55, 3.52, -33.58
CIE LCh	56, 33.759, 275.986
Yxy	23.4644, 0.2327, 0.2367
Android (android.graphics.Color)	4284712639 (0xFF6386BF)
YUV	130.0330, 30.0567, -27.2159
Hunter-Lab	48.4401, 0.2594, -30.4775

Details

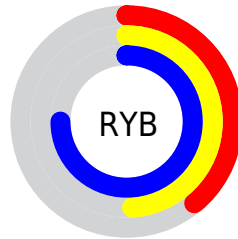
The XYZ color **23.0747, 23.4644, 52.6031** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **35.6275, 35.7556, 16.8294**, and the grayscale version is **21.1375, 22.2383, 24.2175**.

A 20% lighter version of the original color is **48.0400, 49.1880, 95.7692**, and **8.7601, 8.8167, 24.9070** is the 20% darker color. If you saturate the color by 10%, you get **19.6844, 19.4233, 52.0022**, and if you desaturate by 10%, it is **27.1431, 28.1277, 53.2892**.

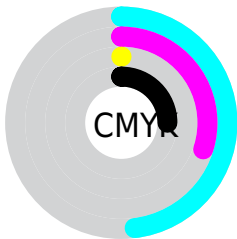
Distribution



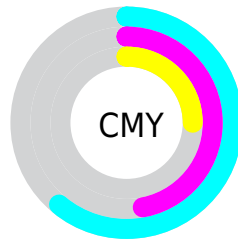
- Red (39%)
- Green (53%)
- Blue (75%)



- Red (39%)
- Yellow (49%)
- Blue (75%)



- Cyan (48%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)



- Cyan (61%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0747, 23.4644, 52.6031 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 23.0747, 23.4644, 52.6031 by changing the saturation by 10% instead.

■ 23.0747, 23.4644,
52.6031

■ 23.0747, 23.4644,
52.6031

260.6366,
270.1014, 413.7835

■ 14.7697, 14.9368,
37.1005

■ 47.9817, 49.1548,
95.4557

■ 8.7432, 8.7750,
24.9889

■ 65.3144, 67.0863,
123.6427

■ 4.6298, 4.5947,
15.8498

■ 86.3870, 88.9213,
156.8950

■ 2.0642, 2.0115,
9.2648

■ 111.5649,
115.0440, 195.6310

■ 0.6697, 0.6141,
4.8151

141.2135,
145.8391, 240.2694

■ 0.0000, 0.0000,
2.0824

175.6981,

■ 0.0000, 0.0000,

181.6907, 291.2285

0.6052

215.3840,
222.9833, 348.9271

■ 0.0000, 0.0000,
0.0000

■ 23.0747, 23.4644,
52.6031

■ 23.0747, 23.4644,
52.6031

■ 19.6844, 19.4233,
52.0022

■ 27.1431, 28.1277,
53.2892

■ 16.9285, 15.9716,
51.4812

■ 31.9249, 33.4386,
54.0623

■ 14.7614, 13.0768,
51.0367

■ 37.4554, 39.4239,
54.9261

■ 13.1296, 10.7015,
50.6642

■ 43.7670, 46.1079,
55.8836

■ 11.9526, 8.7936,
50.3580

■ 50.8901, 53.5140,
56.9377

■ 11.7643, 8.4822,
50.3078

■ 58.8534, 61.6640,
58.0911

■ 67.6839, 70.5791,
59.3464

■ 77.4078, 80.2793,
60.7063

■ 81.9540, 87.6415,
61.8877

Harmonies

Analogous

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



19.4524, 23.4644, 49.8975



23.0747, 23.4644, 52.6031



26.8884, 23.4644, 46.5574

Triad

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



23.0747, 23.4644, 52.6031



28.7690, 23.4644, 15.0995



16.2587, 23.4644, 17.9278

Complementary

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



23.0747, 23.4644, 52.6031



35.6275, 35.7556, 16.8294

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.



18.2696, 23.4644, 12.0571



23.0747, 23.4644, 52.6031



25.4176, 23.4644, 10.7792

Square

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



23.0747, 23.4644, 52.6031



30.4082, 23.4644, 23.4233



21.5472, 23.4644, 9.8503



15.7823, 23.4644, 27.7991

Rectangle

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



23.0747, 23.4644, 52.6031



28.9406, 23.4644, 39.1706



21.5472, 23.4644, 9.8503



16.7655, 23.4644, 15.5196

Sweetspot

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



23.0755, 23.4653, 52.6037



71.3700, 75.1768, 99.0281



29.7555, 42.3062, 37.9329



15.1445, 15.9469, 21.6651



92.9021, 97.7402, 106.4391



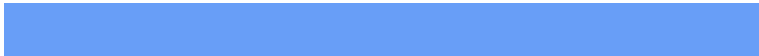
19.4759, 20.4902, 22.3138

Same Dimension

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



23.0755, 23.4653, 52.6037



34.8444, 34.2853, 93.0604



20.2642, 15.9844, 51.3079



9.3060, 9.8043, 12.0741



7.8036, 5.7189, 33.0855



0.3692, 0.3512, 1.3172

Inverse Universe

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



30.2516, 21.7224, 25.1533



49.6318, 32.2003, 36.1565



39.7681, 47.8983, 18.9549



9.6763, 9.5948, 10.6844



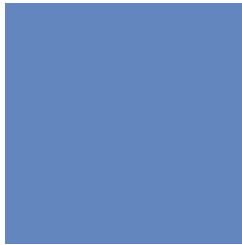
14.9397, 7.6070, 4.9759



0.6173, 0.3108, 0.3639

Previews

White Background



This preview shows how the XYZ color 23.0747, 23.4644, 52.6031 looks on a white background.

Color Contrast Check

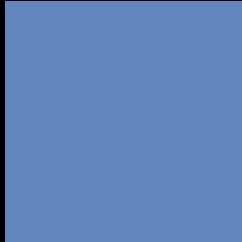
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0747, 23.4644, 52.6031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

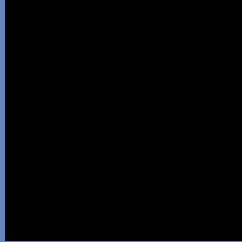
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0747, 23.4644, 52.6031

Background



This preview shows how black text looks on a background with the XYZ color 23.0747, 23.4644, 52.6031.



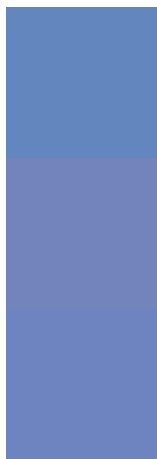
This preview shows how white text looks on a background with the XYZ color 23.0747, 23.4644,

52.6031.

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

23.0747, 23.4644, 52.6031

Protanopia

24.2636, 23.5083, 50.8357

Deuteranopia

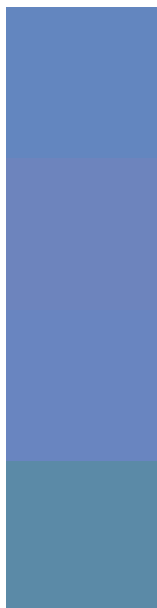
24.0724, 23.5595, 53.1479



Tritanopia

19.2051, 23.3759, 33.6368

Trichromacy



Original Color

23.0747, 23.4644, 52.6031

Protanomaly

23.7432, 23.4279, 51.4147

Deuteranomaly

23.7277, 23.5841, 53.1708

Tritanomaly

20.3779, 23.1911, 39.9615

Monochromacy



Original Color

23.0747, 23.4644, 52.6031

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.3915, 22.4215, 32.9061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0747, 23.4644, 52.6031 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(99, 134, 191)` looks like.

```
.text, #text, p{  
    color:rgb(99, 134, 191)  
}
```

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(99, 134, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 134, 191) }
```

Border

The CSS property to change the border of an element to XYZ 23.0747, 23.4644, 52.6031 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(99, 134, 191) }
```


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

```
.border{ border-color:rgb(99, 134, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 134, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 134, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 134, 191);  
box-shadow:4px 4px 4px 4px rgb(99, 134,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0747, 23.4644, 52.6031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 134, 191) }
```

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

```
.background{ background-color: rgb(99, 134,  
191) }
```

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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