

Converting Colors

XYZ(23.4308, 25.3017, 51.2265)

Have a look what the booklet for
XYZ(23.4308, 25.3017, 51.2265)
contains.

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Color

**XYZ(23.4694, 25.4097,
51.2446)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8EBC
RGB	95, 142, 188
RGB Percent	37%, 56%, 74%
CMY	0.6274, 0.4431, 0.2627
CMYK	0.49, 0.24, 0.00, 0.26
HSL	210°, 41%, 55%
HSV	210°, 49%, 74%
XYZ	23.4694, 25.4097, 51.2446
YIQ	133.1910, -42.7780, 4.3420

Conversions

Conversions Part 2

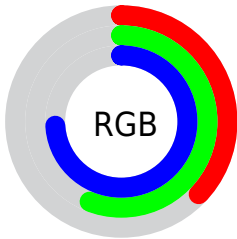
Format	Color
R_{YB}	95, 126, 188
Decimal	6262460
CIE _{Lab}	57.47, -3.01, -28.89
CIE _{LCh}	57, 29.050, 264.056
Yxy	25.4097, 0.2344, 0.2538
Android (android.graphics.Color)	4284452540 (0xFF5F8EBC)
YUV	133.1910, 27.0208, -33.4935
Hunter-Lab	50.4080, -5.1065, -24.9883

Details

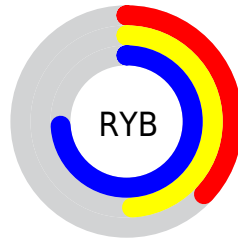
The XYZ color **23.4694, 25.4097, 51.2446** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **32.3303, 30.5684, 15.0238**, and the grayscale version is **22.2804, 23.4407, 25.5270**.

A 20% lighter version of the original color is **48.6467, 52.4955, 93.1566**, and **8.9996, 9.8156, 24.3419** is the 20% darker color. If you saturate the color by 10%, you get **20.4209, 21.8696, 50.7224**, and if you desaturate by 10%, it is **27.1063, 29.4255, 51.8285**.

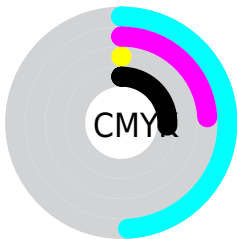
Distribution



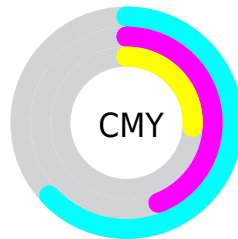
- Red (37%)
- Green (56%)
- Blue (74%)



- Red (37%)
- Yellow (49%)
- Blue (74%)



- Cyan (49%)
- Magenta (24%)
- Yellow (0%)
- Black (26%)



- Cyan (63%)
- Magenta (44%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4694, 25.4097, 51.2446 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 23.4694, 25.4097, 51.2446 by changing the saturation by 10% instead.

■ 23.4694, 25.4097,
51.2446

■ 23.4694, 25.4097,
51.2446

262.6174,
279.8722, 408.3870

■ 15.0631, 16.3826,
36.0252

■ 48.6239, 52.3211,
93.4314

■ 8.9503, 9.7953,
24.1638

■ 66.1029, 70.9741,
121.2360

■ 4.7656, 5.2634,
15.2419

■ 87.3368, 93.6046,
154.0727

■ 2.1437, 2.4026,
8.8408

■ 112.6909,
120.5969, 192.3600

■ 0.7128, 0.8272,
4.5421

142.5307,
152.3354, 236.5166

■ 0.0000, 0.0000,
1.9272

177.2215,

■ 0.0000, 0.0000,

189.2045, 286.9609

0.5100

217.1286,
231.5887, 344.1115

■ 0.0000, 0.0000,
0.0000

■ 23.4694, 25.4097,
51.2446

■ 23.4694, 25.4097,
51.2446

■ 20.4209, 21.8696,
50.7224

■ 27.1063, 29.4255,
51.8285

■ 17.9209, 18.7790,
50.2577

■ 31.3628, 33.9355,
52.4747

■ 15.9281, 16.1128,
49.8481

■ 36.2708, 38.9607,
53.1860

■ 14.3935, 13.8412,
49.4905

■ 41.8589, 44.5195,
53.9644

■ 13.2278, 11.9134,
49.1798

■ 48.1543, 50.6296,
54.8120

■ 13.1703, 11.8172,
49.1643

■ 55.1823, 57.3077,
55.7305

■ 62.9672, 64.5695,
56.7219

■ 71.5319, 72.4304,
57.7878

■ 77.4303, 79.1171,
58.7676

Harmonies

Analogous

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



20.4562, 25.4097, 46.1143



23.4694, 25.4097, 51.2446



26.9628, 25.4097, 48.9412

Triad

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



23.4694, 25.4097, 51.2446



30.7425, 25.4097, 20.6109



19.1603, 25.4097, 17.9305

Complementary

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



23.4694, 25.4097, 51.2446



32.3303, 30.5684, 15.0238

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.



21.5421, 25.4097, 13.6717



23.4694, 25.4097, 51.2446



28.2662, 25.4097, 14.9411

Square

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



23.4694, 25.4097, 51.2446



31.3829, 25.4097, 29.6852



24.8460, 25.4097, 12.7252



18.1256, 25.4097, 25.7421

Rectangle

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



23.4694, 25.4097, 51.2446



29.0736, 25.4097, 43.7239



24.8460, 25.4097, 12.7252



19.8183, 25.4097, 16.1185

Sweetspot

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



23.4703, 25.4106, 51.2452



69.8558, 74.7418, 96.9710



27.4333, 40.2920, 31.1239



14.5734, 15.6243, 20.7902



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.



23.4703, 25.4106, 51.2452



36.7599, 39.3361, 91.8814



18.0306, 14.5312, 49.4320



9.4042, 10.0008, 12.1069



9.0415, 8.1947, 33.4981



0.4195, 0.4517, 1.3339

Inverse Universe

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



29.7145, 20.8297, 28.0464



49.7567, 31.5927, 43.1935



40.4591, 46.8259, 17.7334



9.7259, 9.6147, 10.9455



15.5645, 7.8569, 8.2661



0.6427, 0.3210, 0.4976

Previews

White Background



This preview shows how the XYZ color 23.4694, 25.4097, 51.2446 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 23.4694, 25.4097, 51.2446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

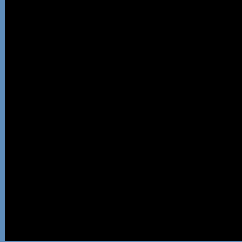
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4694, 25.4097, 51.2446

Background



This preview shows how black text looks on a background with the XYZ color 23.4694, 25.4097, 51.2446.

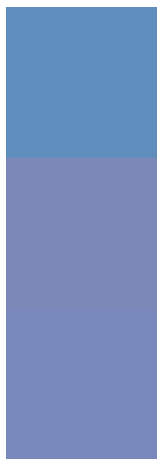


This preview shows how white text looks on a background with the XYZ color 23.4694, 25.4097,

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

23.4694, 25.4097, 51.2446

Protanopia

25.6636, 25.3123, 48.3329

Deuteranopia

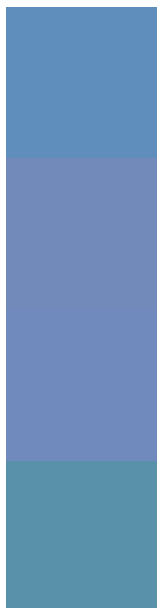
25.8746, 25.3474, 51.6729



Tritanopia

20.5295, 25.3491, 36.6117

Trichromacy



Original Color

23.4694, 25.4097, 51.2446

Protanomaly

24.6555, 25.1905, 49.4617

Deuteranomaly

24.9559, 25.2958, 51.7114

Tritanomaly

21.5009, 25.2769, 41.7759

Monochromacy



Original Color

23.4694, 25.4097, 51.2446

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.1617, 23.8302, 33.5686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4694, 25.4097, 51.2446 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(95, 142, 188)` looks like.

```
.text, #text, p{  
    color:rgb(95, 142, 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(95, 142, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 142, 188) }
```

Border

The CSS property to change the border of an element to XYZ 23.4694, 25.4097, 51.2446 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(95, 142, 188) }
```


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

```
.border{ border-color:rgb(95, 142, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 142, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 142, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 142, 188);  
box-shadow:4px 4px 4px 4px rgb(95, 142,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4694, 25.4097, 51.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 142, 188) }
```

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

```
.background{ background-color: rgb(95, 142,  
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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