

Converting Colors

XYZ(24.0685, 24.5099, 56.8884)

Have a look what the booklet for
XYZ(24.0685, 24.5099, 56.8884)
contains.

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Color

**XYZ(24.0685, 24.5099,
56.8884)**

Conversions

Conversions Part 1

Format	Color
Hex	6189C6
RGB	97, 137, 198
RGB Percent	38%, 54%, 78%
CMY	0.6196, 0.4627, 0.2235
CMYK	0.51, 0.31, 0.00, 0.22
HSL	216°, 47%, 58%
HSV	216°, 51%, 78%
XYZ	24.0685, 24.5099, 56.8884
YIQ	131.9940, -43.4210, 10.4910

Conversions

Conversions Part 2

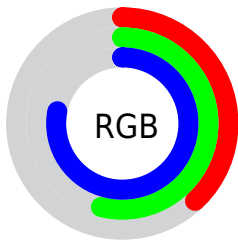
Format	Color
R_{YB}	97, 126, 198
Decimal	6392262
CIE Lab	56.59, 3.42, -35.92
CIE LCh	57, 36.083, 275.441
Yxy	24.5099, 0.2282, 0.2324
Android (android.graphics.Color)	4284582342 (0xFF6189C6)
YUV	131.9940, 32.5410, -30.6897
Hunter-Lab	49.5075, 0.1413, -33.4741

Details

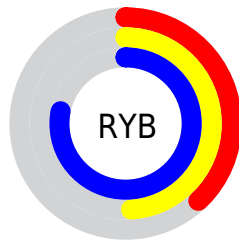
The XYZ color **24.0685, 24.5099, 56.8884** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **37.6744, 37.3242, 16.5292**, and the grayscale version is **21.8284, 22.9652, 25.0091**.

A 20% lighter version of the original color is **49.6003, 50.8192, 101.8026**, and **9.3231, 9.4051, 27.7095** is the 20% darker color. If you saturate the color by 10%, you get **20.6094, 20.3417, 56.2667**, and if you desaturate by 10%, it is **28.2443, 29.3281, 57.5988**.

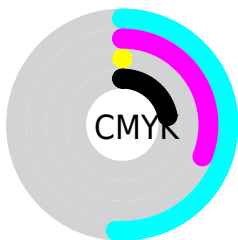
Distribution



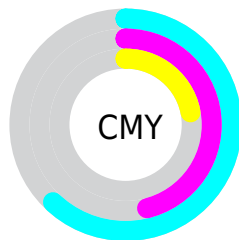
- Red (38%)
- Green (54%)
- Blue (78%)



- Red (38%)
- Yellow (49%)
- Blue (78%)



- Cyan (51%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (62%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0685, 24.5099, 56.8884 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 24.0685, 24.5099, 56.8884 by changing the saturation by 10% instead.

■ 24.0685, 24.5099,
56.8884

■ 24.0685, 24.5099,
56.8884

265.6007,
275.3883, 430.5130

■ 15.5095, 15.7123,
40.5069

■ 49.5958, 50.8610,
101.8010

■ 9.2663, 9.3208,
27.6172

■ 67.2948, 69.1833,
131.1693

■ 4.9738, 4.9510,
17.8008

■ 88.7711, 91.4493,
165.7035

■ 2.2665, 2.2185,
10.6391

■ 114.3902,
118.0434, 205.8222

■ 0.7774, 0.7301,
5.7136

144.5173,
149.3499, 251.9439

■ 0.0000, 0.0000,
2.6058

179.5179,

■ 0.0000, 0.0000,

185.7533, 304.4873

0.8954

219.7572,
227.6380, 363.8708

■ 0.0000, 0.0000,
0.0000

■ 24.0685, 24.5099,
56.8884

■ 24.0685, 24.5099,
56.8884

■ 20.6094, 20.3417,
56.2667

■ 28.2443, 29.3281,
57.5988

■ 17.8182, 16.7881,
55.7279

■ 33.1759, 34.8239,
58.3997

■ 15.6439, 13.8136,
55.2683

■ 38.9023, 41.0261,
59.2950

■ 14.0252, 11.3765,
54.8832

■ 45.4590, 47.9611,
60.2880

■ 12.9470, 9.5849,
54.5942

■ 52.8795, 55.6536,
61.3817

■ 61.1950, 64.1272,
62.5790

■ 70.4353, 73.4044,
63.8827

■ 80.4793, 83.4296,
65.2883

■ 83.9740, 90.4189,
66.4532

Harmonies

Analogous

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



20.1043, 24.5099, 53.6651



24.0685, 24.5099, 56.8884



28.2885, 24.5099, 50.2533

Triad

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



24.0685, 24.5099, 56.8884



30.4979, 24.5099, 15.4161



16.7078, 24.5099, 18.1977

Complementary

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



24.0685, 24.5099, 56.8884



37.6744, 37.3242, 16.5292

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.



18.9283, 24.5099, 11.9539



24.0685, 24.5099, 56.8884



26.8086, 24.5099, 10.7178

Square

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



24.0685, 24.5099, 56.8884



32.2749, 24.5099, 24.5578



22.5401, 24.5099, 9.6737



16.1589, 24.5099, 28.9361

Rectangle

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



24.0685, 24.5099, 56.8884



30.5832, 24.5099, 42.0373



22.5401, 24.5099, 9.6737



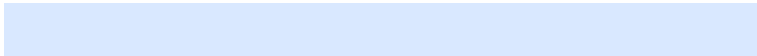
17.2693, 24.5099, 15.6189

Sweetspot

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



24.0694, 24.5108, 56.8890



75.4189, 79.5892, 105.9950



31.2620, 45.3851, 39.2812



15.6131, 16.4747, 22.6070



0.0000, 0.0000, 0.0000



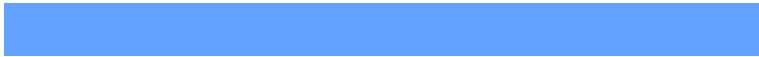
20.3446, 21.4041, 23.3091

Same Dimension

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



24.0694, 24.5108, 56.8890



35.9988, 35.4058, 99.5444



20.5443, 15.7599, 55.3857



10.3956, 10.9652, 13.4861



8.4980, 6.3899, 35.5298



0.4728, 0.4434, 1.7058

Inverse Universe

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



32.0796, 22.3624, 26.2932



52.1822, 32.8442, 37.3313



43.0669, 51.9305, 19.0643



10.8049, 10.7054, 11.9561



16.0887, 8.1851, 5.6771



0.7973, 0.4018, 0.4559

Previews

White Background



This preview shows how the XYZ color 24.0685, 24.5099, 56.8884 looks on a white background.

Color Contrast Check

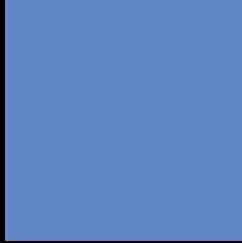
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0685, 24.5099, 56.8884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

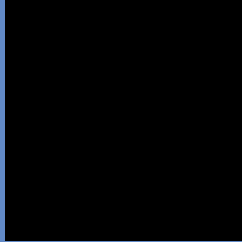
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.0685, 24.5099, 56.8884

Background



This preview shows how black text looks on a background with the XYZ color 24.0685, 24.5099, 56.8884.

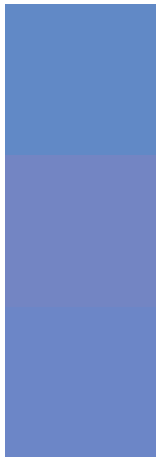


This preview shows how white text looks on a background with the XYZ color 24.0685, 24.5099,

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

24.0685, 24.5099, 56.8884

Protanopia

25.3081, 24.3600, 54.9978

Deuteranopia

25.0182, 24.3619, 57.4165



Tritanopia

19.7785, 24.5241, 35.5895

Trichromacy



Original Color

24.0685, 24.5099, 56.8884

Protanomaly

24.6732, 24.2239, 55.5998

Deuteranomaly

24.6817, 24.3945, 57.4406

Tritanomaly

21.1439, 24.3993, 42.6249

Monochromacy



Original Color

24.0685, 24.5099, 56.8884

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.1336, 23.3724, 34.7973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0685, 24.5099, 56.8884 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(97, 137, 198)` looks like.

```
.text, #text, p{  
    color:rgb(97, 137, 198)  
}
```

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(97, 137, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 137, 198) }
```

Border

The CSS property to change the border of an element to XYZ 24.0685, 24.5099, 56.8884 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(97, 137, 198) }
```


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

```
.border{ border-color:rgb(97, 137, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 137, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 137, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 137, 198);  
box-shadow:4px 4px 4px 4px rgb(97, 137,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0685, 24.5099, 56.8884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 137, 198) }
```

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

```
.background{ background-color: rgb(97, 137,  
198) }
```

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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