

Converting Colors

XYZ(24.0440, 27.2226, 56.7112)

Have a look what the booklet for
XYZ(24.0440, 27.2226, 56.7112)
contains.

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Color

**XYZ(24.0499, 27.1884,
56.8036)**

Conversions

Conversions Part 1

Format	Color
Hex	4F95C5
RGB	79, 149, 197
RGB Percent	31%, 58%, 77%
CMY	0.6902, 0.4157, 0.2274
CMYK	0.60, 0.24, 0.00, 0.23
HSL	204°, 50%, 54%
HSV	204°, 60%, 77%
XYZ	24.0499, 27.1884, 56.8036
YIQ	133.5420, -57.1280, 0.0880

Conversions

Conversions Part 2

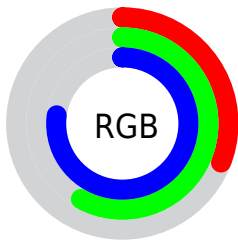
Format	Color
R _Y B	79, 123, 197
Decimal	5215685
CIE Lab	59.15, -7.67, -31.44
CIE LCh	59, 32.359, 256.295
Yxy	27.1884, 0.2226, 0.2516
Android (android.graphics.Color)	4283405765 (0xFF4F95C5)
YUV	133.5420, 31.2848, -47.8333
Hunter-Lab	52.1425, -8.9191, -28.0903

Details

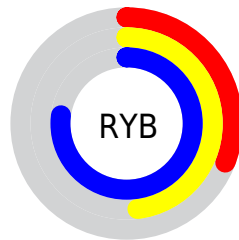
The XYZ color **24.0499, 27.1884, 56.8036** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **32.0275, 27.6148, 11.0403**, and the grayscale version is **22.3972, 23.5636, 25.6607**.

A 20% lighter version of the original color is **49.5619, 55.1860, 101.8057**, and **9.3256, 10.7185, 27.5640** is the 20% darker color. If you saturate the color by 10%, you get **21.4231, 24.0168, 56.3304**, and if you desaturate by 10%, it is **27.2513, 30.7867, 57.3299**.

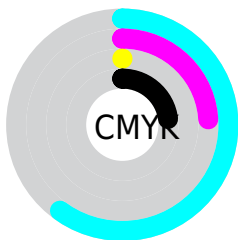
Distribution



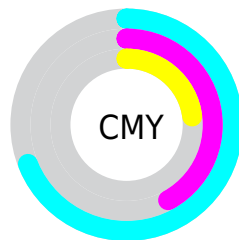
- Red (31%)
- Green (58%)
- Blue (77%)



- Red (31%)
- Yellow (48%)
- Blue (77%)



- Cyan (60%)
- Magenta (24%)
- Yellow (0%)
- Black (23%)



- Cyan (69%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0499, 27.1884, 56.8036 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 24.0499, 27.1884, 56.8036 by changing the saturation by 10% instead.

■ 24.0499, 27.1884,
56.8036

■ 24.0499, 27.1884,
56.8036

265.5085,
288.5682, 430.1861

■ 15.4956, 17.7148,
40.4393

■ 49.5657, 55.1860,
101.6760

■ 9.2565, 10.7454,
27.5648

■ 67.2579, 74.4788,
131.0212

■ 4.9673, 5.8959,
17.7617

■ 88.7267, 97.8135,
165.5305

■ 2.2627, 2.7819,
10.6114

■ 114.3376,
125.5744, 205.6223

■ 0.7755, 1.0189,
5.6953

144.4559,
158.1459, 251.7152

■ 0.0000, 0.0000,
2.5949

179.4469,

■ 0.0000, 0.0000,

195.9124, 304.2278

0.8898

219.6759,
239.2584, 363.5786

■ 0.0000, 0.0000,
0.0000

■ 24.0499, 27.1884,
56.8036

■ 24.0499, 27.1884,
56.8036

■ 21.4231, 24.0168,
56.3304

■ 27.2513, 30.7867,
57.3299

■ 19.3220, 21.2427,
55.9057

■ 31.0650, 34.8322,
57.9098

■ 17.6934, 18.8364,
55.5271

■ 35.5287, 39.3473,
58.5460

■ 16.4359, 16.7430,
55.1893

■ 40.6759, 44.3516,
59.2407

■ 16.4236, 16.7222,
55.1859

■ 46.5378, 49.8634,
59.9956

■ 53.1434, 55.9001,
60.8127

■ 60.5202, 62.4780,
61.6935

■ 68.6941, 69.6126,
62.6398

■ 77.2076, 77.0703,
63.6306

Harmonies

Analogous

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



20.8514, 27.1884, 48.7067



24.0499, 27.1884, 56.8036



28.0762, 27.1884, 56.4040

Triad

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



24.0499, 27.1884, 56.8036



34.0109, 27.1884, 23.8062



20.6377, 27.1884, 16.7706

Complementary

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



24.0499, 27.1884, 56.8036



32.0275, 27.6148, 11.0403

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.



23.7291, 27.1884, 13.0098



24.0499, 27.1884, 56.8036



31.5708, 27.1884, 16.2900

Square

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



24.0499, 27.1884, 56.8036



34.1198, 27.1884, 35.1758



27.7205, 27.1884, 12.8605



19.0242, 27.1884, 24.6532

Rectangle

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



24.0499, 27.1884, 56.8036



30.7026, 27.1884, 51.3204



27.7205, 27.1884, 12.8605



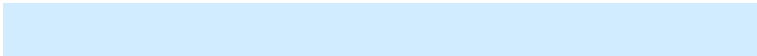
21.5231, 27.1884, 15.0837

Sweetspot

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



24.0508, 27.1894, 56.8043



74.4630, 80.9703, 106.3119



26.9704, 43.1070, 26.7066



15.3141, 16.7349, 22.6730



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.



24.0508, 27.1894, 56.8043



37.0628, 41.3445, 100.6346



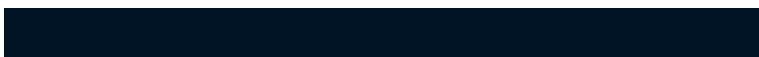
17.0275, 13.1426, 54.4631



10.5709, 11.3159, 13.5445



10.8862, 11.1664, 36.3259



0.5853, 0.6684, 1.7433

Inverse Universe

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



31.2475, 19.6332, 30.5774



51.7891, 29.1257, 46.2405



41.8287, 47.2172, 14.3074



10.8934, 10.7408, 12.4222



17.2942, 8.6672, 12.0251



0.8541, 0.4245, 0.7551

Previews

White Background



This preview shows how the XYZ color 24.0499, 27.1884, 56.8036 looks on a white background.

Color Contrast Check

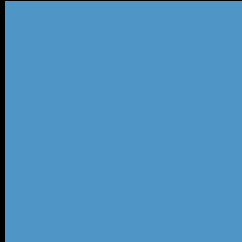
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0499, 27.1884, 56.8036 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 24.0499, 27.1884, 56.8036

Background



This preview shows how black text looks on a background with the XYZ color 24.0499, 27.1884, 56.8036.

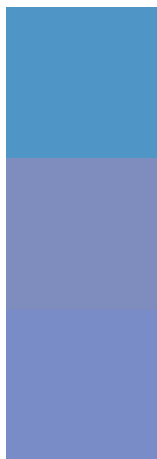


This preview shows how white text looks on a background with the XYZ color 24.0499, 27.1884,

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

24.0499, 27.1884, 56.8036

Protanopia

27.4247, 26.9859, 52.4786

Deuteranopia

27.5720, 26.9446, 57.7805



Tritanopia

20.7774, 27.0595, 40.6871

Trichromacy



Original Color

24.0499, 27.1884, 56.8036

Protanomaly

25.8785, 26.8102, 54.2630

Deuteranomaly

25.9594, 26.7863, 57.2282

Tritanomaly

21.8627, 27.0104, 46.1807

Monochromacy



Original Color

24.0499, 27.1884, 56.8036

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2579, 24.4770, 35.4497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0499, 27.1884, 56.8036 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(79, 149, 197)` looks like.

```
.text, #text, p{  
    color:rgb(79, 149, 197)  
}
```

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(79, 149, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 149, 197) }
```

Border

The CSS property to change the border of an element to XYZ 24.0499, 27.1884, 56.8036 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(79, 149, 197) }
```


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

```
.border{ border-color:rgb(79, 149, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 149, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 149, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 149, 197);  
box-shadow:4px 4px 4px 4px rgb(79, 149,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0499, 27.1884, 56.8036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 149, 197) }
```

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

```
.background{ background-color: rgb(79, 149,  
197) }
```

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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