

Converting Colors

XYZ(24.0816, 27.6938, 53.1889)

Have a look what the booklet for
XYZ(24.0816, 27.6938, 53.1889)
contains.

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Color

**XYZ(24.1267, 27.7796,
53.3806)**

Conversions

Conversions Part 1

Format	Color
Hex	5497BF
RGB	84, 151, 191
RGB Percent	33%, 59%, 75%
CMY	0.6706, 0.4078, 0.2510
CMYK	0.56, 0.21, 0.00, 0.25
HSL	202°, 46%, 54%
HSV	202°, 56%, 75%
XYZ	24.1267, 27.7796, 53.3806
YIQ	135.5270, -52.7720, -1.7640

Conversions

Conversions Part 2

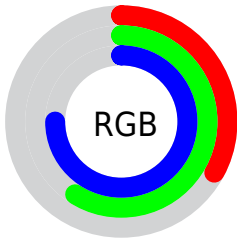
Format	Color
R _Y B	84, 125, 191
Decimal	5543871
CIE Lab	59.69, -9.66, -27.20
CIE LCh	60, 28.868, 250.447
Yxy	27.7796, 0.2292, 0.2638
Android (android.graphics.Color)	4283733951 (0xFF5497BF)
YUV	135.5270, 27.3482, -45.1892
Hunter-Lab	52.7064, -10.5265, -23.1540

Details

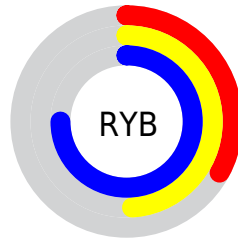
The XYZ color **24.1267, 27.7796, 53.3806** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **30.2946, 26.1328, 11.8359**, and the grayscale version is **23.1413, 24.3465, 26.5133**.

A 20% lighter version of the original color is **49.6043, 56.0408, 96.1982**, and **9.2536, 11.0138, 25.3051** is the 20% darker color. If you saturate the color by 10%, you get **21.5301, 24.7869, 52.9403**, and if you desaturate by 10%, it is **27.2608, 31.1538, 53.8672**.

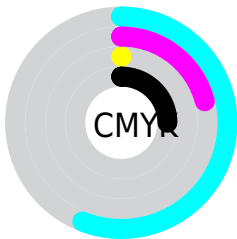
Distribution



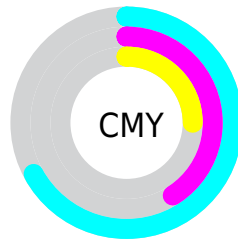
- Red (33%)
- Green (59%)
- Blue (75%)



- Red (33%)
- Yellow (49%)
- Blue (75%)



- Cyan (56%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (67%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1267, 27.7796, 53.3806 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 24.1267, 27.7796, 53.3806 by changing the saturation by 10% instead.

■ 24.1267, 27.7796,
53.3806

■ 24.1267, 27.7796,
53.3806

265.8890,
291.4123, 416.8513

■ 15.5529, 18.1596,
37.7169

■ 49.6900, 56.1324,
96.6114

■ 9.2972, 11.0646,
25.4629

■ 67.4103, 75.6339,
125.0156

■ 4.9942, 6.1103,
16.2001

■ 88.9100, 99.1981,
158.5036

■ 2.2786, 2.9123,
9.5100

■ 114.5547,
127.2093, 197.4941

■ 0.7837, 1.0861,
4.9740

144.7095,
160.0519, 242.4056

■ 0.0000, 0.0000,
2.1735

179.7400,

■ 0.0000, 0.0000,

198.1104, 293.6566

0.6590

220.0113,
241.7690, 351.6656

■ 0.0000, 0.0000,
0.0000

■ 24.1267, 27.7796,
53.3806

■ 24.1267, 27.7796,
53.3806

■ 21.5301, 24.7869,
52.9403

■ 27.2608, 31.1538,
53.8672

■ 19.4282, 22.1503,
52.5422

■ 30.9654, 34.9266,
54.4002

■ 17.7754, 19.8448,
52.1843

■ 35.2737, 39.1175,
54.9820

■ 16.5131, 17.8384,
51.8636

■ 40.2156, 43.7435,
55.6145

■ 16.0723, 17.0982,
51.7439

■ 45.8190, 48.8206,
56.2991

■ 52.1097, 54.3639,
57.0375

■ 59.1124, 60.3875,
57.8311

■ 66.8504, 66.9051,
58.6813

■ 75.0119, 73.7573,
59.5738

Harmonies

Analogous

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



21.4208, 27.7796, 45.2284



24.1267, 27.7796, 53.3806



27.6952, 27.7796, 54.5941

Triad

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



24.1267, 27.7796, 53.3806



33.9138, 27.7796, 26.7513



22.1125, 27.7796, 17.3986

Complementary

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



24.1267, 27.7796, 53.3806



30.2946, 26.1328, 11.8359

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.



25.1530, 27.7796, 14.4896



24.1267, 27.7796, 53.3806



32.1049, 27.7796, 19.0040

Square

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



24.1267, 27.7796, 53.3806



33.5747, 27.7796, 37.4750



28.8196, 27.7796, 15.0004



20.3342, 27.7796, 24.0143

Rectangle

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



24.1267, 27.7796, 53.3806



30.1172, 27.7796, 51.0627



28.8196, 27.7796, 15.0004



23.0087, 27.7796, 16.0324

Sweetspot

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



24.1276, 27.7806, 53.3813



70.8551, 77.2644, 99.4582



25.8776, 40.5830, 25.2861



15.1499, 16.5870, 21.7884



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.



24.1276, 27.7806, 53.3813



37.7218, 43.3783, 94.6638



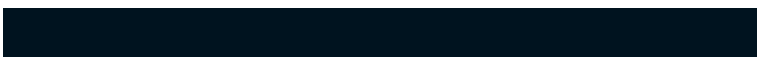
17.4537, 14.4328, 51.1566



9.5007, 10.1937, 12.1390



10.6417, 11.3952, 34.0315



0.4777, 0.5680, 1.3533

Inverse Universe

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



30.2429, 19.6523, 31.4784



50.2694, 29.3357, 49.1317



38.7563, 43.0563, 14.6565



9.7746, 9.6341, 11.2019



16.3722, 8.1800, 12.5196



0.6720, 0.3327, 0.6521

Previews

White Background



This preview shows how the XYZ color 24.1267, 27.7796, 53.3806 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 24.1267, 27.7796, 53.3806 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 24.1267, 27.7796, 53.3806

Background



This preview shows how black text looks on a background with the XYZ color 24.1267, 27.7796, 53.3806.

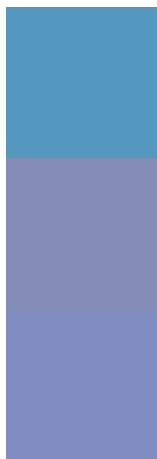


This preview shows how white text looks on a background with the XYZ color 24.1267, 27.7796,

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

24.1267, 27.7796, 53.3806

Protanopia

27.6923, 27.4160, 49.1797

Deuteranopia

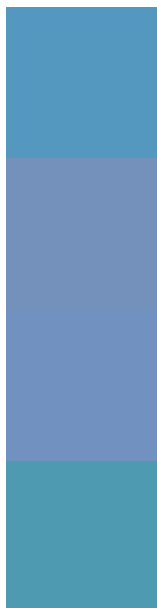
28.2038, 27.5671, 54.2866



Tritanopia

21.6909, 27.7657, 41.2619

Trichromacy



Original Color

24.1267, 27.7796, 53.3806

Protanomaly

26.1653, 27.4835, 50.9395

Deuteranomaly

26.4499, 27.5673, 53.7961

Tritanomaly

22.5340, 27.8655, 45.2652

Monochromacy



Original Color

24.1267, 27.7796, 53.3806

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.8617, 25.2320, 35.1178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1267, 27.7796, 53.3806 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(84, 151, 191)` looks like.

```
.text, #text, p{  
    color:rgb(84, 151, 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(84, 151, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 151, 191) }
```

Border

The CSS property to change the border of an element to XYZ 24.1267, 27.7796, 53.3806 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(84, 151, 191) }
```


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

```
.border{ border-color:rgb(84, 151, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 151, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 151, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 151, 191);  
box-shadow:4px 4px 4px 4px rgb(84, 151,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1267, 27.7796, 53.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 151, 191) }
```

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

```
.background{ background-color: rgb(84, 151,  
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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