

Converting Colors

XYZ(24.5344, 27.8548, 53.6491)

Have a look what the booklet for
XYZ(24.5344, 27.8548, 53.6491)
contains.

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Color

**XYZ(24.4301, 27.6981,
53.3489)**

Conversions

Conversions Part 1

Format	Color
Hex	5996BF
RGB	89, 150, 191
RGB Percent	35%, 59%, 75%
CMY	0.6510, 0.4118, 0.2510
CMYK	0.53, 0.21, 0.00, 0.25
HSL	204°, 44%, 55%
HSV	204°, 53%, 75%
XYZ	24.4301, 27.6981, 53.3489
YIQ	136.4350, -49.5170, -0.1810

Conversions

Conversions Part 2

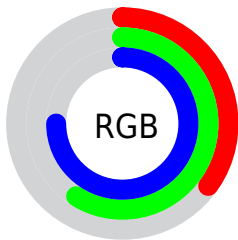
Format	Color
R _Y B	89, 127, 191
Decimal	5871295
CIE Lab	59.62, -8.02, -27.30
CIE LCh	60, 28.454, 253.628
Yxy	27.6981, 0.2316, 0.2626
Android (android.graphics.Color)	4284061375 (0xFF5996BF)
YUV	136.4350, 26.9005, -41.6005
Hunter-Lab	52.6290, -9.2420, -23.2607

Details

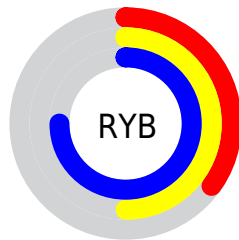
The XYZ color **24.4301, 27.6981, 53.3489** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.2725, 27.7639, 13.1629**, and the grayscale version is **23.4812, 24.7040, 26.9027**.

A 20% lighter version of the original color is **50.0584, 55.9209, 96.1511**, and **9.4032, 10.9494, 25.2848** is the 20% darker color. If you saturate the color by 10%, you get **21.6444, 24.5030, 52.8795**, and if you desaturate by 10%, it is **27.7734, 31.3009, 53.8686**.

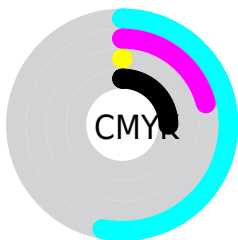
Distribution



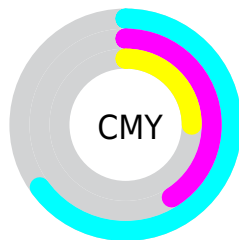
- Red (35%)
- Green (59%)
- Blue (75%)



- Red (35%)
- Yellow (50%)
- Blue (75%)



- Cyan (53%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4301, 27.6981, 53.3489 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 24.4301, 27.6981, 53.3489 by changing the saturation by 10% instead.

■ 24.4301, 27.6981,
53.3489

■ 24.4301, 27.6981,
53.3489

267.3881,
291.0215, 416.7265

■ 15.7794, 18.0982,
37.6917

■ 50.1807, 56.0021,
96.5643

■ 9.4581, 11.0205,
25.4436

■ 68.0114, 75.4750,
124.9597

■ 5.1006, 6.0806,
16.1858

■ 89.6328, 99.0076,
158.4381

■ 2.3418, 2.8942,
9.5000

■ 115.4103,
126.9845, 197.4183

■ 0.8159, 1.0767,
4.9675

145.7092,
159.7899, 242.3186

■ 0.0000, 0.0000,
2.1698

180.8949,

■ 0.0000, 0.0000,

197.8083, 293.5578

0.6568

221.3327,
241.4240, 351.5542

■ 0.0000, 0.0000,
0.0000

■ 24.4301, 27.6981,
53.3489

■ 24.4301, 27.6981,
53.3489

■ 21.6444, 24.5030,
52.8795

■ 27.7734, 31.3009,
53.8686

■ 19.3743, 21.6900,
52.4562

■ 31.7066, 35.3287,
54.4388

■ 17.5761, 19.2349,
52.0771

■ 36.2626, 39.8011,
55.0619

■ 16.1959, 17.1076,
51.7392

■ 41.4709, 44.7353,
55.7398

■ 15.4469, 15.8473,
51.5355

■ 47.3590, 50.1476,
56.4741

■ 53.9529, 56.0535,
57.2665

■ 61.2770, 62.4673,
58.1185

■ 69.3545, 69.4030,
59.0315

■ 76.0016, 75.7367,
59.9037

Harmonies

Analogous

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



21.6441, 27.6981, 45.9379



24.4301, 27.6981, 53.3489



27.9844, 27.6981, 53.7078

Triad

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



24.4301, 27.6981, 53.3489



33.6117, 27.6981, 25.7411



21.8497, 27.6981, 18.0042

Complementary

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



24.4301, 27.6981, 53.3489



31.2725, 27.7639, 13.1629

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.



24.7349, 27.6981, 14.7505



24.4301, 27.6981, 53.3489



31.6391, 27.6981, 18.4826

Square

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



24.4301, 27.6981, 53.3489



33.5112, 27.6981, 36.0742



28.3180, 27.6981, 14.9029



20.2494, 27.6981, 24.9278

Rectangle

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



24.4301, 27.6981, 53.3489



30.3322, 27.6981, 49.7698



28.3180, 27.6981, 14.9029



22.6894, 27.6981, 16.5234

Sweetspot

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



24.4310, 27.6991, 53.3496



71.4913, 77.5138, 99.4728



26.7673, 40.9925, 27.5514



15.2661, 16.6128, 21.7873



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.



24.4310, 27.6991, 53.3496



38.0488, 43.0271, 94.5788



18.0055, 14.8481, 51.2077



9.4781, 10.1485, 12.1315



10.2320, 10.5756, 33.8949



0.4633, 0.5392, 1.3485

Inverse Universe

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



30.5640, 20.4241, 31.1865



50.6797, 30.4391, 48.3967



39.7729, 44.7648, 15.9964



9.7632, 9.6296, 11.1419



16.1654, 8.0973, 11.4304



0.6648, 0.3298, 0.6138

Previews

White Background



This preview shows how the XYZ color 24.4301, 27.6981, 53.3489 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 24.4301, 27.6981, 53.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

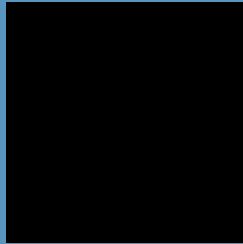
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4301, 27.6981, 53.3489

Background



This preview shows how black text looks on a background with the XYZ color 24.4301, 27.6981, 53.3489.

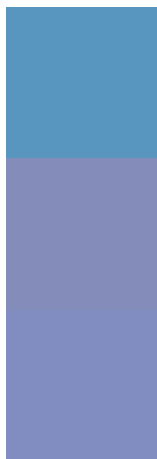


This preview shows how white text looks on a background with the XYZ color 24.4301, 27.6981,

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

24.4301, 27.6981, 53.3489

Protanopia

27.7976, 27.4581, 49.7338

Deuteranopia

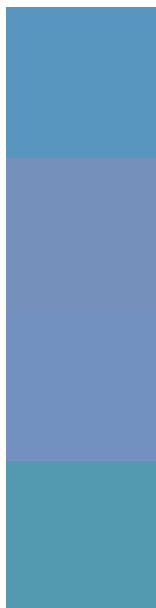
28.2038, 27.5671, 54.2866



Tritanopia

21.8389, 27.6067, 40.7368

Trichromacy



Original Color

24.4301, 27.6981, 53.3489

Protanomaly

26.1454, 27.2474, 50.8950

Deuteranomaly

26.4271, 27.3297, 53.7515

Tritanomaly

22.7950, 27.7561, 45.2303

Monochromacy



Original Color

24.4301, 27.6981, 53.3489

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1334, 25.3720, 35.1305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4301, 27.6981, 53.3489 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(89, 150, 191)` looks like.

```
.text, #text, p{  
    color:rgb(89, 150, 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(89, 150, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 150, 191) }
```

Border

The CSS property to change the border of an element to XYZ 24.4301, 27.6981, 53.3489 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(89, 150, 191) }
```


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

```
.border{ border-color:rgb(89, 150, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 150, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 150, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 150, 191);  
box-shadow:4px 4px 4px 4px rgb(89, 150,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4301, 27.6981, 53.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 150, 191) }
```

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

```
.background{ background-color: rgb(89, 150,  
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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