

Converting Colors

XYZ(25.3468, 29.4611, 51.6020)

Have a look what the booklet for
XYZ(25.3468, 29.4611, 51.6020)
contains.

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Color

**XYZ(25.3071, 29.4102,
51.3566)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9BBB
RGB	94, 155, 187
RGB Percent	37%, 61%, 73%
CMY	0.6314, 0.3921, 0.2667
CMYK	0.50, 0.17, 0.00, 0.27
HSL	201°, 41%, 55%
HSV	201°, 50%, 73%
XYZ	25.3071, 29.4102, 51.3566
YIQ	140.4090, -46.6280, -2.9800

Conversions

Conversions Part 2

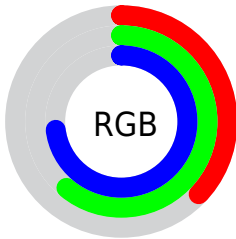
Format	Color
R _Y B	94, 131, 187
Decimal	6200251
CIE Lab	61.14, -10.84, -22.68
CIE LCh	61, 25.139, 244.449
Yxy	29.4102, 0.2386, 0.2773
Android (android.graphics.Color)	4284390331 (0xFF5E9BBB)
YUV	140.4090, 22.9694, -40.7007
Hunter-Lab	54.2312, -11.6071, -18.1855

Details

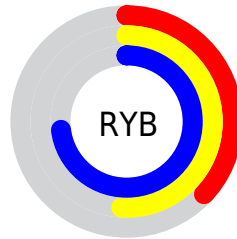
The XYZ color **25.3071, 29.4102, 51.3566** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **29.9756, 26.2957, 14.0865**, and the grayscale version is **25.0136, 26.3163, 28.6584**.

A 20% lighter version of the original color is **51.3726, 58.4616, 93.3706**, and **9.9465, 11.9792, 24.3422** is the 20% darker color. If you saturate the color by 10%, you get **22.5745, 26.4545, 50.9307**, and if you desaturate by 10%, it is **28.5632, 32.7217, 51.8247**.

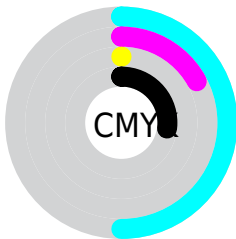
Distribution



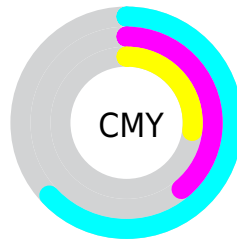
- Red (37%)
- Green (61%)
- Blue (73%)



- Red (37%)
- Yellow (51%)
- Blue (73%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)
- Black (27%)



- Cyan (63%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3071, 29.4102, 51.3566 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 25.3071, 29.4102, 51.3566 by changing the saturation by 10% instead.

■ 25.3071, 29.4102,
51.3566

■ 25.3071, 29.4102,
51.3566

271.6834,
299.1455, 408.8337

■ 16.4360, 19.3913,
36.1138

■ 51.5943, 58.7282,
93.5986

■ 9.9260, 11.9534,
24.2317

■ 69.7411, 78.7961,
121.4348

■ 5.4118, 6.7120,
15.2918

■ 91.7104, 102.9825,
154.3059

■ 2.5281, 3.2826,
8.8755

■ 117.8677,
131.6718, 192.6305

■ 0.9094, 1.2810,
4.5644

148.5783,
165.2483, 236.8270

■ 0.0000, 0.1264,
1.9398

184.2075,

■ 0.0000, 0.0000,

204.0965, 287.3140

0.5179

225.1208,
248.6008, 344.5101

■ 0.0000, 0.0000,
0.0000

■ 25.3071, 29.4102,
51.3566

■ 25.3071, 29.4102,
51.3566

■ 22.5745, 26.4545,
50.9307

■ 28.5632, 32.7217,
51.8247

■ 20.3275, 23.8319,
50.5429

■ 32.3715, 36.4033,
52.3346

■ 18.5274, 21.5218,
50.1919

■ 36.7619, 40.4722,
52.8886

■ 17.1275, 19.4987,
49.8751

■ 41.7612, 44.9435,
53.4881

■ 16.0380, 17.7150,
49.5883

■ 47.3944, 49.8312,
54.1347

■ 16.0102, 17.6688,
49.5808

■ 53.6852, 55.1488,
54.8295

■ 60.6559, 60.9089,
55.5739

■ 68.3277, 67.1235,
56.3691

■ 73.9819, 72.3922,
57.0881

Harmonies

Analogous

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



23.0444, 29.4102, 43.4311



25.3071, 29.4102, 51.3566



28.4482, 29.4102, 53.7510

Triad

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



25.3071, 29.4102, 51.3566



34.7629, 29.4102, 30.6349



24.5183, 29.4102, 19.2619

Complementary

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



25.3071, 29.4102, 51.3566



29.9756, 26.2957, 14.0865

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.



27.4646, 29.4102, 17.1169



25.3071, 29.4102, 51.3566



33.5145, 29.4102, 22.8106

Square

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



25.3071, 29.4102, 51.3566



34.0725, 29.4102, 40.5103



30.7783, 29.4102, 18.2757



22.6148, 29.4102, 24.8121

Rectangle

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



25.3071, 29.4102, 51.3566



30.6605, 29.4102, 51.5593



30.7783, 29.4102, 18.2757



25.4108, 29.4102, 18.1742

Sweetspot

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



25.3081, 29.4113, 51.3573



69.7203, 75.9879, 95.1939



26.0890, 39.4017, 25.6335



14.9442, 16.3657, 20.9138



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.



25.3081, 29.4113, 51.3573



39.8855, 46.7653, 91.1258



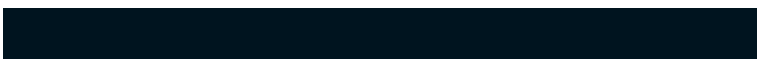
19.1089, 17.0130, 49.2909



9.5247, 10.2417, 12.1470



11.1004, 12.3124, 34.1844



0.4935, 0.5997, 1.3586

Inverse Universe

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



30.4135, 20.9378, 33.4498



50.5100, 31.2687, 53.3804



37.1722, 40.6888, 16.4853



9.7867, 9.6390, 11.2657



16.6037, 8.2726, 13.7387



0.6800, 0.3359, 0.6941

Previews

White Background



This preview shows how the XYZ color 25.3071, 29.4102, 51.3566 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 25.3071, 29.4102, 51.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

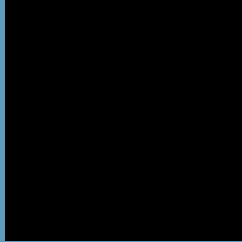
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3071, 29.4102, 51.3566

Background



This preview shows how black text looks on a background with the XYZ color 25.3071, 29.4102, 51.3566.

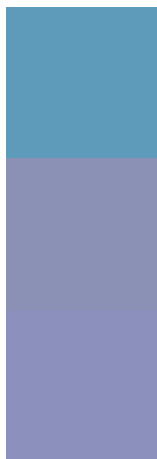


This preview shows how white text looks on a background with the XYZ color 25.3071, 29.4102,

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

25.3071, 29.4102, 51.3566

Protanopia

29.0111, 29.0351, 47.2553

Deuteranopia

29.8060, 29.1096, 52.1919



Tritanopia

23.6974, 29.5178, 42.9766

Trichromacy



Original Color

25.3071, 29.4102, 51.3566

Protanomaly

27.4631, 29.1247, 48.9739

Deuteranomaly

27.8354, 29.0216, 51.7116

Tritanomaly

24.3072, 29.5124, 46.0103

Monochromacy



Original Color

25.3071, 29.4102, 51.3566

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.3796, 26.8961, 35.8048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3071, 29.4102, 51.3566 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(94, 155, 187)` looks like.

```
.text, #text, p{  
    color:rgb(94, 155, 187)  
}
```

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(94, 155, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 155, 187) }
```

Border

The CSS property to change the border of an element to XYZ 25.3071, 29.4102, 51.3566 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(94, 155, 187) }
```


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

```
.border{ border-color:rgb(94, 155, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 155, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 155, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 155, 187);  
box-shadow:4px 4px 4px 4px rgb(94, 155,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3071, 29.4102, 51.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 155, 187) }
```

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

```
.background{ background-color: rgb(94, 155,  
187) }
```

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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