

Converting Colors

XYZ(25.0290, 29.2481, 47.6633)

Have a look what the booklet for
XYZ(25.0290, 29.2481, 47.6633)
contains.

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Color

**XYZ(25.1052, 29.3906,
47.5298)**

Conversions

Conversions Part 1

Format	Color
Hex	639BB4
RGB	99, 155, 180
RGB Percent	39%, 61%, 71%
CMY	0.6117, 0.3921, 0.2941
CMYK	0.45, 0.14, 0.00, 0.29
HSL	199°, 35%, 55%
HSV	199°, 45%, 71%
XYZ	25.1052, 29.3906, 47.5298
YIQ	141.1060, -41.4010, -4.0970

Conversions

Conversions Part 2

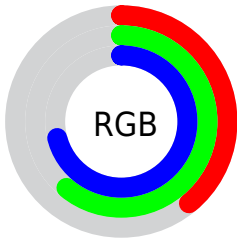
Format	Color
R _Y B	99, 132, 180
Decimal	6527924
CIE Lab	61.12, -11.63, -18.74
CIE LCh	61, 22.056, 238.187
Yxy	29.3906, 0.2461, 0.2881
Android (android.graphics.Color)	4284718004 (0xFF639BB4)
YUV	141.1060, 19.1747, -36.9270
Hunter-Lab	54.2131, -12.2125, -14.0317

Details

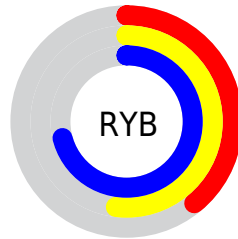
The XYZ color **25.1052, 29.3906, 47.5298** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.2830, 25.0204, 15.1442**, and the grayscale version is **25.2986, 26.6161, 28.9850**.

A 20% lighter version of the original color is **51.2672, 58.5271, 87.9517**, and **9.8198, 11.9684, 21.8712** is the 20% darker color. If you saturate the color by 10%, you get **22.4503, 26.6814, 47.1473**, and if you desaturate by 10%, it is **28.2428, 32.4130, 47.9483**.

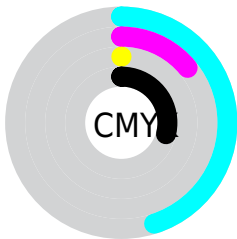
Distribution



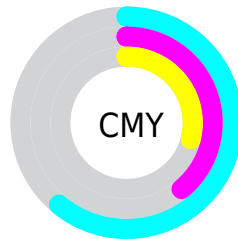
- Red (39%)
- Green (61%)
- Blue (71%)



- Red (39%)
- Yellow (52%)
- Blue (71%)



- Cyan (45%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (61%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1052, 29.3906, 47.5298 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 25.1052, 29.3906, 47.5298 by changing the saturation by 10% instead.

■ 25.1052, 29.3906,
47.5298

■ 25.1052, 29.3906,
47.5298

270.6994,
299.0535, 393.3801

■ 16.2846, 19.3765,
33.0973

■ 51.2695, 58.6971,
87.8622

■ 9.8179, 11.9426,
21.9293

■ 69.3439, 78.7583,
114.5991

■ 5.3397, 6.7046,
13.6071

■ 91.2336, 102.9373,
146.2747

■ 2.4847, 3.2781,
7.7123

■ 117.3040,
131.6185, 183.3074

■ 0.8876, 1.2786,
3.8263

147.9205,
165.1864, 226.1157

■ 0.0000, 0.1245,
1.5305

183.4483,

■ 0.0000, 0.0000,

204.0252, 275.1183

0.2405

224.2528,
248.5194, 330.7336

■ 0.0000, 0.0000,
0.0000

■ 25.1052, 29.3906,
47.5298

■ 25.1052, 29.3906,
47.5298

■ 22.4503, 26.6814,
47.1473

■ 28.2428, 32.4130,
47.9483

■ 20.2453, 24.2659,
46.7973

■ 31.8876, 35.7603,
48.4023

■ 18.4574, 22.1268,
46.4787

■ 36.0657, 39.4473,
48.8938

■ 17.0479, 20.2434,
46.1894

■ 40.8004, 43.4868,
49.4239

■ 15.9695, 18.5904,
45.9272

■ 46.1139, 47.8910,
49.9940

■ 15.5020, 17.8227,
45.8036

■ 52.0268, 52.6714,
50.6050

■ 58.5587, 57.8387,
51.2582

■ 65.7285, 63.4035,
51.9544

■ 71.3101, 68.2189,
52.5897

Harmonies

Analogous

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



23.3151, 29.3906, 40.1277



25.1052, 29.3906, 47.5298



27.7594, 29.3906, 50.7015

Triad

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



25.1052, 29.3906, 47.5298



33.8689, 29.3906, 32.5078



25.3900, 29.3906, 19.9179

Complementary

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



25.1052, 29.3906, 47.5298



28.2830, 25.0204, 15.1442

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.



28.1112, 29.3906, 18.5783



25.1052, 29.3906, 47.5298



33.1278, 29.3906, 25.0537

Square

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



25.1052, 29.3906, 47.5298



32.9311, 29.3906, 41.1509



30.9696, 29.3906, 20.2874



23.4714, 29.3906, 24.3198

Rectangle

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



25.1052, 29.3906, 47.5298



29.7065, 29.3906, 49.6387



30.9696, 29.3906, 20.2874



26.2351, 29.3906, 19.1318

Sweetspot

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



25.1061, 29.3917, 47.5305



66.8433, 72.7785, 88.8193



25.0617, 36.7335, 24.6080



14.0631, 15.3977, 19.1531



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.1061, 29.3917, 47.5305



40.7393, 48.4129, 85.4920



19.5384, 18.2562, 45.6746



8.5170, 9.1801, 10.8294



10.8810, 12.5624, 31.9883



0.3913, 0.4931, 1.0228

Inverse Universe

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



29.2015, 20.9946, 33.5247



49.3898, 32.2644, 55.5516



34.3150, 37.0843, 17.1549



8.7361, 8.6012, 10.1089



15.7269, 7.8083, 14.2536



0.5195, 0.2556, 0.5785

Previews

White Background



This preview shows how the XYZ color 25.1052, 29.3906, 47.5298 looks on a white background.

Color Contrast Check

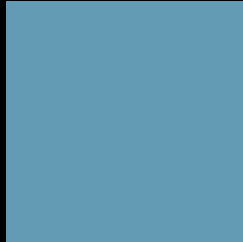
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1052, 29.3906, 47.5298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

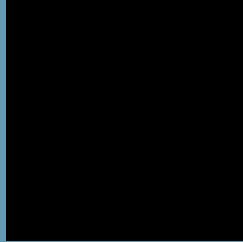
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1052, 29.3906, 47.5298

Background



This preview shows how black text looks on a background with the XYZ color 25.1052, 29.3906, 47.5298.



This preview shows how white text looks on a background with the XYZ color 25.1052, 29.3906,

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

25.1052, 29.3906, 47.5298

Protanopia

28.9034, 29.2765, 44.1720

Deuteranopia

29.7444, 29.1636, 48.3174



Tritanopia

24.0423, 29.4653, 41.9563

Trichromacy



Original Color

25.1052, 29.3906, 47.5298

Protanomaly

27.1881, 29.0651, 45.2515

Deuteranomaly

27.6828, 29.0280, 47.8600

Tritanomaly

24.3611, 29.3355, 43.9135

Monochromacy



Original Color

25.1052, 29.3906, 47.5298

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.7995, 27.3599, 34.9843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1052, 29.3906, 47.5298 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(99, 155, 180)` looks like.

```
.text, #text, p{  
    color:rgb(99, 155, 180)  
}
```

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(99, 155, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 155, 180) }
```

Border

The CSS property to change the border of an element to XYZ 25.1052, 29.3906, 47.5298 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(99, 155, 180) }
```


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

```
.border{ border-color:rgb(99, 155, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 155, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 155, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 155, 180);  
box-shadow:4px 4px 4px 4px rgb(99, 155,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1052, 29.3906, 47.5298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 155, 180) }
```

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

```
.background{ background-color: rgb(99, 155,  
180) }
```

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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