

Converting Colors

XYZ(25.0680, 29.2481, 38.3512)

Have a look what the booklet for
XYZ(25.0680, 29.2481, 38.3512)
contains.

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Color

**XYZ(25.1474, 29.3647,
38.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	739AA2
RGB	115, 154, 162
RGB Percent	45%, 60%, 64%
CMY	0.5490, 0.3961, 0.3647
CMYK	0.29, 0.05, 0.00, 0.36
HSL	190°, 20%, 54%
HSV	190°, 29%, 64%
XYZ	25.1474, 29.3647, 38.5250
YIQ	143.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

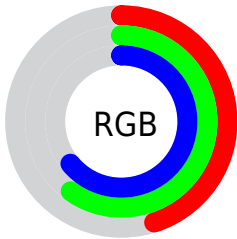
Format	Color
R_{YB}	115, 136, 162
Decimal	7576226
CIE Lab	61.10, -11.35, -8.52
CIE LCh	61, 14.193, 216.903
Yxy	29.3647, 0.2703, 0.3156
Android (android.graphics.Color)	4285766306 (0xFF739AA2)
YUV	143.2510, 9.2433, -24.7761
Hunter-Lab	54.1892, -11.9952, -4.2189

Details

The XYZ color **25.1474, 29.3647, 38.5250** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.0781, 23.0852, 19.3543**, and the grayscale version is **26.1810, 27.5444, 29.9959**.

A 20% lighter version of the original color is **51.2287, 58.4463, 74.2269**, and **9.8447, 11.9501, 16.5396** is the 20% darker color. If you saturate the color by 10%, you get **22.7519, 27.4628, 38.2846**, and if you desaturate by 10%, it is **27.9295, 31.4829, 38.7877**.

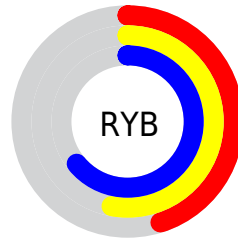
Distribution



Red (45%)

Green (60%)

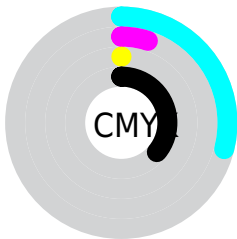
Blue (64%)



Red (45%)

Yellow (53%)

Blue (64%)

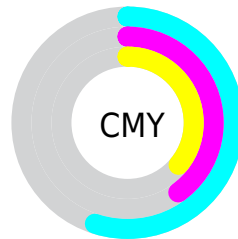


Cyan (29%)

Magenta (5%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (40%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1474, 29.3647, 38.5250 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 25.1474, 29.3647, 38.5250 by changing the saturation by 10% instead.

■ 25.1474, 29.3647,
38.5250

■ 25.1474, 29.3647,
38.5250

270.9053,
298.9318, 355.2322

■ 16.3162, 19.3569,
26.0854

■ 51.3374, 58.6560,
74.1244

■ 9.8405, 11.9284,
16.6612

■ 69.4270, 78.7083,
98.1214

■ 5.3548, 6.6950,
9.8338

■ 91.3334, 102.8776,
126.8079

■ 2.4938, 3.2721,
5.1848

117.4220,
131.5482, 160.6024

■ 0.8921, 1.2754,
2.2954

148.0581,
165.1045, 199.9236

■ 0.0000, 0.1220,
0.7287

183.6071,

■ 0.0000, 0.0000,

203.9309, 245.1899

0.0000

224.4344,
248.4119, 296.8200

■ 25.1474, 29.3647,
38.5250

■ 25.1474, 29.3647,
38.5250

■ 22.7519, 27.4628,
38.2846

■ 27.9295, 31.4829,
38.7877

■ 20.7208, 25.7633,
38.0637

■ 31.1137, 33.8233,
39.0716

■ 19.0333, 24.2564,
37.8617

■ 34.7181, 36.3961,
39.3783

■ 17.6659, 22.9296,
37.6777

■ 38.7587, 39.2095,
39.7083

■ 16.5915, 21.7690,
37.5103

■ 43.2506, 42.2715,
40.0626

■ 15.7790, 20.7584,
37.3581

■ 48.2084, 45.5897,
40.4418

■ 15.1647, 19.8649,
37.2180

■ 53.6458, 49.1712,
40.8465

■ 15.1068, 19.7788,
37.2044

■ 59.5760, 53.0230,
41.2774

■ 63.8446, 56.0345,
41.6337

Harmonies

Analogous

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



24.5088, 29.3647, 33.2198



25.1474, 29.3647, 38.5250



26.5309, 29.3647, 42.3485

Triad

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



25.1474, 29.3647, 38.5250



31.3303, 29.3647, 36.1612



27.4827, 29.3647, 22.8461

Complementary

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



25.1474, 29.3647, 38.5250



25.0781, 23.0852, 19.3543

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.



29.3367, 29.3647, 23.4481



25.1474, 29.3647, 38.5250



31.6128, 29.3647, 30.7581

Square

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



25.1474, 29.3647, 38.5250



30.1129, 29.3647, 40.8813



30.8684, 29.3647, 26.2098



25.8177, 29.3647, 24.4633

Rectangle

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



25.1474, 29.3647, 38.5250



27.7175, 29.3647, 43.3279



30.8684, 29.3647, 26.2098



28.1039, 29.3647, 22.7987

Sweetspot

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



25.1483, 29.3659, 38.5257



56.3860, 61.3322, 70.9226



23.5558, 30.9120, 23.4099



12.4729, 13.6362, 15.9122



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.1483, 29.3659, 38.5257



42.6837, 50.9698, 69.6446



21.6640, 22.3973, 37.3642



7.1731, 7.8052, 9.0316



11.9286, 15.6366, 29.3192



0.2761, 0.3796, 0.6246

Inverse Universe

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



26.8645, 22.2766, 33.4571



46.3918, 36.1252, 58.5874



28.3257, 29.5805, 20.4369



7.3123, 7.1814, 8.6312



15.1665, 7.4226, 18.5991



0.3316, 0.1611, 0.4586

Previews

White Background



This preview shows how the XYZ color 25.1474, 29.3647, 38.5250 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 25.1474, 29.3647, 38.5250 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

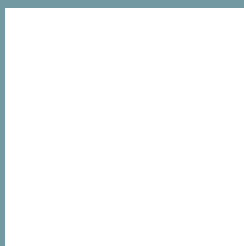
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1474, 29.3647, 38.5250

Background



This preview shows how black text looks on a background with the XYZ color 25.1474, 29.3647, 38.5250.



This preview shows how white text looks on a background with the XYZ color 25.1474, 29.3647,

38.5250.

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

25.1474, 29.3647, 38.5250

Protanopia

28.3973, 29.1951, 36.0368

Deuteranopia

29.6602, 29.0976, 39.1751



Tritanopia

25.4766, 29.2486, 40.3792

Trichromacy



Original Color

25.1474, 29.3647, 38.5250

Protanomaly

26.9971, 29.1490, 37.0043

Deuteranomaly

27.6920, 29.0007, 38.7885

Tritanomaly

25.3852, 29.2121, 39.8979

Monochromacy



Original Color

25.1474, 29.3647, 38.5250

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.6116, 28.0560, 32.9196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1474, 29.3647, 38.5250 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(115, 154, 162)` looks like.

```
.text, #text, p{  
    color:rgb(115, 154, 162)  
}
```

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(115, 154, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 154, 162) }
```

Border

The CSS property to change the border of an element to XYZ 25.1474, 29.3647, 38.5250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

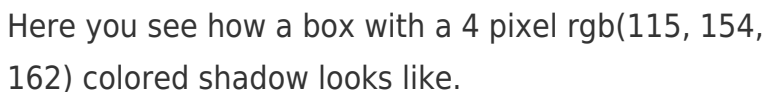
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 154, 162) }
```


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

```
.border{ border-color:rgb(115, 154, 162) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 154, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 154, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 154, 162);  
box-shadow:4px 4px 4px 4px rgb(115, 154,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1474, 29.3647, 38.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 154, 162) }
```

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

```
.background{ background-color: rgb(115,  
154, 162) }
```

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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