

Converting Colors

XYZ(25.2395, 36.2739, 29.2556)

Have a look what the booklet for
XYZ(25.2395, 36.2739, 29.2556)
contains.

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Color

**XYZ(25.3548, 36.4792,
29.3718)**

Conversions

Conversions Part 1

Format	Color
Hex	5FB389
RGB	95, 179, 137
RGB Percent	37%, 70%, 54%
CMY	0.6274, 0.2980, 0.4627
CMYK	0.47, 0.00, 0.23, 0.30
HSL	150°, 36%, 54%
HSV	150°, 47%, 70%
XYZ	25.3548, 36.4792, 29.3718
YIQ	149.0960, -36.5820, -30.8700

Conversions

Conversions Part 2

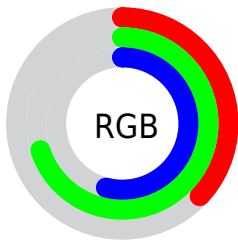
Format	Color
RYB	95, 151, 179
Decimal	6271881
CIELab	66.88, -35.39, 13.68
CIElCh	67, 37.944, 158.872
Yxy	36.4792, 0.2780, 0.4000
Android (android.graphics.Color)	4284461961 (0xFF5FB389)
YUV	149.0960, -5.9633, -47.4422
Hunter-Lab	60.3980, -30.7631, 13.4456

Details

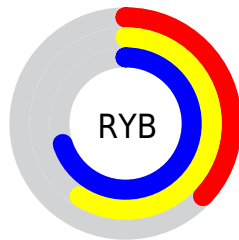
The XYZ color **25.3548, 36.4792, 29.3718** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **27.1992, 19.5752, 26.0132**, and the grayscale version is **28.6436, 30.1353, 32.8174**.

A 20% lighter version of the original color is **51.5803, 69.6184, 59.4343**, and **10.0179, 16.0412, 11.5851** is the 20% darker color. If you saturate the color by 10%, you get **23.0892, 35.3834, 26.0525**, and if you desaturate by 10%, it is **28.1029, 37.8196, 32.9933**.

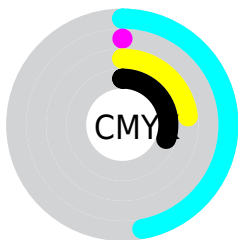
Distribution



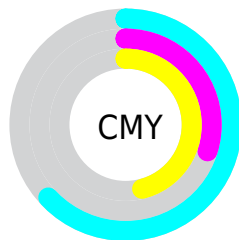
- Red (37%)
- Green (70%)
- Blue (54%)



- Red (37%)
- Yellow (59%)
- Blue (70%)



- Cyan (47%)
- Magenta (0%)
- Yellow (23%)
- Black (30%)





- Cyan (63%)
- Magenta (30%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3548, 36.4792, 29.3718 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 25.3548, 36.4792, 29.3718 by changing the saturation by 10% instead.


 25.3548, 36.4792,
29.3718


 25.3548, 36.4792,
29.3718


271.9154,
331.0502, 313.0808


 16.4717, 24.8045,
19.1143


 51.6710, 69.7711,
59.7165


 9.9515, 15.9315,
11.5752


 69.8348, 92.1570,
80.6407

 5.4289, 9.4757,
6.3361


 91.8229, 118.8822,
105.9576

 2.5383, 5.0527,
2.9785

 118.0007,
150.3310, 136.0857

 0.9146, 2.2782,
1.0836

148.7335,
186.8878, 171.4436

 0.0000, 0.7622,
0.0000

184.3866,

 0.0000, 0.0000,

228.9370, 212.4497

0.0000

225.3255,
276.8630, 259.5226

■ 25.3548, 36.4792,
29.3718

■ 25.3548, 36.4792,
29.3718

■ 23.0892, 35.3834,
26.0525

■ 28.1029, 37.8196,
32.9933

■ 21.2722, 34.5118,
23.0248

■ 31.3585, 39.4143,
36.9224

■ 19.8699, 33.8482,
20.2809


■ 35.1487, 41.2782,
41.1673


■ 18.8421, 33.3719,
17.8117


■ 39.4973, 43.4234,
45.7353


■ 18.1323, 33.0540,
15.6069


■ 44.4269, 45.8614,
50.6332

 17.9449, 32.9711,
14.9797

 49.9588, 48.6031,
55.8679

 56.1132, 51.6587,
61.4457

 62.9092, 55.0380,
67.3731

 69.9575, 58.5402,
73.6372

Harmonies

Analogous

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



28.1911, 36.4792, 19.8282



25.3548, 36.4792, 29.3718



24.8625, 36.4792, 44.8016

Triad

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



25.3548, 36.4792, 29.3718



36.4042, 36.4792, 79.8981



44.0042, 36.4792, 22.9886

Complementary

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



25.3548, 36.4792, 29.3718



27.1992, 19.5752, 26.0132

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.



46.7731, 36.4792, 35.0373



25.3548, 36.4792, 29.3718



42.0779, 36.4792, 69.7952

Square

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



25.3548, 36.4792, 29.3718



30.8408, 36.4792, 77.1443



46.0317, 36.4792, 52.2505



38.8089, 36.4792, 16.9134

Rectangle

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



25.3548, 36.4792, 29.3718



25.8700, 36.4792, 57.0387



46.0317, 36.4792, 52.2505



45.2743, 36.4792, 26.3177

Sweetspot

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



25.3558, 36.4807, 29.3726



64.9432, 74.9085, 75.8703



28.7344, 38.5054, 16.7449



14.0356, 16.4222, 16.4310



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.



25.3558, 36.4807, 29.3726



41.3437, 63.3649, 46.6468



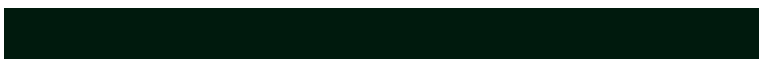
28.8364, 37.8729, 47.7012



8.5603, 9.5586, 9.9439



12.7131, 23.3112, 10.7581



0.4295, 0.7452, 0.4936

Inverse Universe

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



27.1992, 19.5752, 26.0132



45.0386, 29.4799, 39.9133



24.8135, 18.6209, 13.4501



8.6676, 8.5738, 9.7482



14.4589, 7.3011, 7.5765



0.4844, 0.2415, 0.3935

Previews

White Background



This preview shows how the XYZ color 25.3548, 36.4792, 29.3718 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.3548, 36.4792, 29.3718 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 ✓ Pass

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

XYZ 25.3548, 36.4792, 29.3718

Background



This preview shows how black text looks on a background with the XYZ color 25.3548, 36.4792, 29.3718.

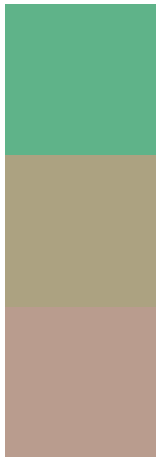


This preview shows how white text looks on a background with the XYZ color 25.3548, 36.4792,

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

25.3548, 36.4792, 29.3718

Protanopia

33.8960, 36.1963, 25.9689

Deuteranopia

36.7785, 36.0442, 30.6100



Tritanopia

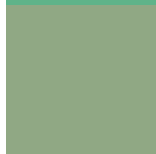
29.7998, 36.2384, 51.8785

Trichromacy



Original Color

25.3548, 36.4792, 29.3718



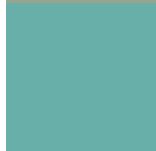
Protanomaly

29.6691, 35.6005, 27.1377



Deuteranomaly

30.9580, 35.1198, 29.9581



Tritanomaly

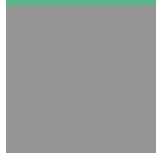
27.9914, 36.3707, 42.5907

Monochromacy



Original Color

25.3548, 36.4792, 29.3718



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

26.7349, 31.8531, 31.5272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3548, 36.4792, 29.3718 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(95, 179, 137)` looks like.

```
.text, #text, p{  
    color:rgb(95, 179, 137)  
}
```

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(95, 179, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 179, 137) }
```

Border

The CSS property to change the border of an element to XYZ 25.3548, 36.4792, 29.3718 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(95, 179, 137) }
```


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

```
.border{ border-color:rgb(95, 179, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 179, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 179, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 179, 137);  
box-shadow:4px 4px 4px 4px rgb(95, 179,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3548, 36.4792, 29.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 179, 137) }
```

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

```
.background{ background-color: rgb(95, 179,  
137) }
```

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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