

Converting Colors

XYZ(25.0571, 36.2180, 27.5328)

Have a look what the booklet for
XYZ(25.0571, 36.2180, 27.5328)
contains.

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Color

**XYZ(25.1088, 36.3929,
27.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	60B384
RGB	96, 179, 132
RGB Percent	38%, 70%, 52%
CMY	0.6235, 0.2980, 0.4823
CMYK	0.46, 0.00, 0.26, 0.30
HSL	146°, 35%, 54%
HSV	146°, 46%, 70%
XYZ	25.1088, 36.3929, 27.5310
YIQ	148.8250, -34.3810, -32.2130

Conversions

Conversions Part 2

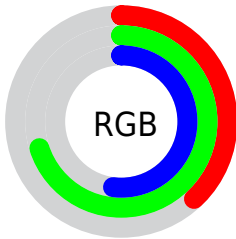
Format	Color
RYB	96, 154, 179
Decimal	6337412
CIELab	66.82, -36.16, 16.32
CIELCh	67, 39.669, 155.703
Yxy	36.3929, 0.2820, 0.4088
Android (android.graphics.Color)	4284527492 (0xFF60B384)
YUV	148.8250, -8.2947, -46.3275
Hunter-Lab	60.3265, -31.2771, 15.1706

Details

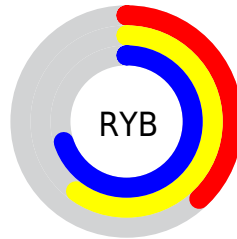
The XYZ color **25.1088, 36.3929, 27.5310** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **27.7323, 19.9334, 28.3737**, and the grayscale version is **28.5383, 30.0246, 32.6967**.

A 20% lighter version of the original color is **51.2278, 69.4988, 56.6136**, and **9.8589, 15.9820, 10.5479** is the 20% darker color. If you saturate the color by 10%, you get **22.7755, 35.2673, 23.9755**, and if you desaturate by 10%, it is **27.9403, 37.7695, 31.4633**.

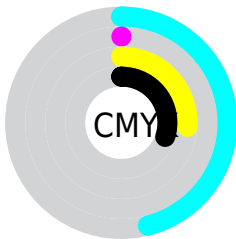
Distribution



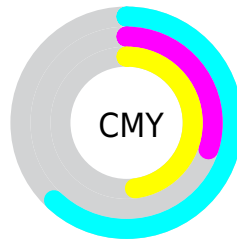
- Red (38%)
- Green (70%)
- Blue (52%)



- Red (38%)
- Yellow (60%)
- Blue (70%)



- Cyan (46%)
- Magenta (0%)
- Yellow (26%)
- Black (30%)





- Cyan (62%)
- Magenta (30%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1088, 36.3929, 27.5310 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 25.1088, 36.3929, 27.5310 by changing the saturation by 10% instead.


 25.1088, 36.3929,
27.5310


 25.1088, 36.3929,
27.5310


270.7170,
330.6746, 304.0601


 16.2873, 24.7378,
17.7365


 51.2753, 69.6381,
56.7488


 9.8198, 15.8818,
10.5935

 69.3510, 91.9969,
77.0092

 5.3410, 9.4406,
5.6835


 91.2421, 118.6925,
101.5953

 2.4855, 5.0296,
2.5879

 117.3141,
150.1091, 130.9256

 0.8879, 2.2647,
0.8862

147.9322,
186.6313, 165.4187

 0.0000, 0.7549,
0.0000

183.4618,

 0.0000, 0.0000,

228.6433, 205.4932

0.0000

224.2683,
276.5296, 251.5674

■ 25.1088, 36.3929,
27.5310

■ 25.1088, 36.3929,
27.5310

■ 22.7755, 35.2673,
23.9755

■ 27.9403, 37.7695,
31.4633

■ 20.9059, 34.3723,
20.7829

■ 31.2956, 39.4071,
35.7807

■ 19.4660, 33.6914,
17.9418


■ 35.2020, 41.3206,
40.4947


■ 18.4151, 33.2039,
15.4394


■ 39.6839, 43.5225,
45.6151


■ 17.6993, 32.8823,
13.2616


■ 44.7643, 46.0243,
51.1517

 17.4830, 32.7864,
12.5470

 50.4650, 48.8370,
57.1138

 56.8065, 51.9711,
63.5104

 63.8084, 55.4366,
70.3502

 70.7110, 58.8416,
77.6052

Harmonies

Analogous

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



28.2877, 36.3929, 18.4025



25.1088, 36.3929, 27.5310



24.3379, 36.3929, 42.9989

Triad

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



25.1088, 36.3929, 27.5310



35.7490, 36.3929, 82.4089



44.8250, 36.3929, 23.3084

Complementary

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



25.1088, 36.3929, 27.5310



27.7323, 19.9334, 28.3737

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.



47.3803, 36.3929, 36.4336



25.1088, 36.3929, 27.5310



41.7658, 36.3929, 72.9491

Square

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



25.1088, 36.3929, 27.5310



30.0592, 36.3929, 77.9906



46.2009, 36.3929, 54.8270



39.5554, 36.3929, 16.5037

Rectangle

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



25.1088, 36.3929, 27.5310



25.2055, 36.3929, 55.7441



46.2009, 36.3929, 54.8270



46.0560, 36.3929, 26.9588

Sweetspot

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



25.1098, 36.3944, 27.5318



64.6669, 74.7980, 74.4157



29.5661, 38.9289, 17.0224



13.9663, 16.3945, 16.0662



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.



25.1098, 36.3944, 27.5318



40.5733, 63.0568, 42.5904



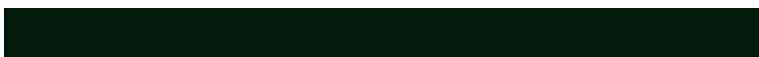
28.5332, 37.7637, 45.5592



8.5369, 9.5493, 9.8211



12.3853, 23.1801, 9.0316



0.4192, 0.7411, 0.4394

Inverse Universe

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



27.7323, 19.9334, 28.3737



45.8620, 29.8092, 44.2491



25.1494, 18.9002, 14.7724



8.6912, 8.5832, 9.8721



14.8425, 7.4545, 9.5964



0.4956, 0.2460, 0.4526

Previews

White Background



This preview shows how the XYZ color 25.1088, 36.3929, 27.5310 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 25.1088, 36.3929, 27.5310 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 25.1088, 36.3929, 27.5310

Background



This preview shows how black text looks on a background with the XYZ color 25.1088, 36.3929, 27.5310.



This preview shows how white text looks on a background with the XYZ color 25.1088, 36.3929,

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

25.1088, 36.3929, 27.5310

Protanopia

33.6165, 35.8292, 24.2127

Deuteranopia

36.6535, 36.0222, 28.6880



Tritanopia

29.9221, 36.3014, 51.8842

Trichromacy



Original Color

25.1088, 36.3929, 27.5310

Protanomaly

29.5105, 35.5573, 25.3866

Deuteranomaly

30.7855, 35.0725, 28.0688

Tritanomaly

27.9218, 36.3562, 41.6222

Monochromacy



Original Color

25.1088, 36.3929, 27.5310

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

26.7347, 31.8706, 30.7292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1088, 36.3929, 27.5310 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(96, 179, 132)` looks like.

```
.text, #text, p{  
    color:rgb(96, 179, 132)  
}
```

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(96, 179, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 179, 132) }
```

Border

The CSS property to change the border of an element to XYZ 25.1088, 36.3929, 27.5310 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(96, 179, 132) }
```


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

```
.border{ border-color:rgb(96, 179, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 179, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 179, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 179, 132);  
box-shadow:4px 4px 4px 4px rgb(96, 179,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1088, 36.3929, 27.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 179, 132) }
```

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

```
.background{ background-color: rgb(96, 179,  
132) }
```

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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