

Converting Colors

XYZ(24.8529, 35.9245, 35.9826)

Have a look what the booklet for
XYZ(24.8529, 35.9245, 35.9826)
contains.

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Color

**XYZ(25.0134, 36.1511,
36.2314)**

Conversions

Conversions Part 1

Format	Color
Hex	4DB39A
RGB	77, 179, 154
RGB Percent	30%, 70%, 60%
CMY	0.6980, 0.2980, 0.3961
CMYK	0.57, 0.00, 0.14, 0.30
HSL	165°, 40%, 50%
HSV	165°, 57%, 70%
XYZ	25.0134, 36.1511, 36.2314
YIQ	145.6520, -52.7670, -29.3990

Conversions

Conversions Part 2

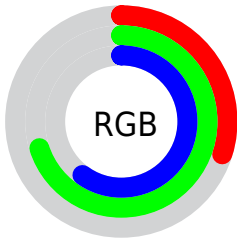
Format	Color
RYB	77, 135, 179
Decimal	5092250
CIELab	66.64, -35.77, 3.88
CIElCh	67, 35.980, 173.805
Yxy	36.1511, 0.2568, 0.3712
Android (android.graphics.Color)	4283282330 (0xFF4DB39A)
YUV	145.6520, 4.1156, -60.2078
Hunter-Lab	60.1258, -30.9609, 6.3603

Details

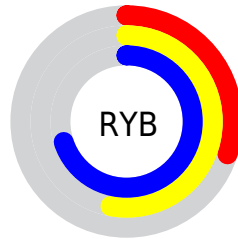
The XYZ color **25.0134, 36.1511, 36.2314** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **23.6437, 15.8517, 14.3851**, and the grayscale version is **27.1793, 28.5947, 31.1396**.

A 20% lighter version of the original color is **50.9250, 69.0391, 70.3164**, and **9.9090, 15.9010, 15.3789** is the 20% darker color. If you saturate the color by 10%, you get **23.4044, 35.3640, 34.2838**, and if you desaturate by 10%, it is **27.0351, 37.1512, 38.2696**.

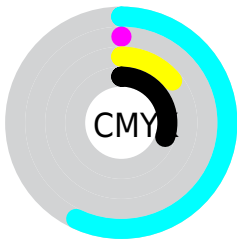
Distribution



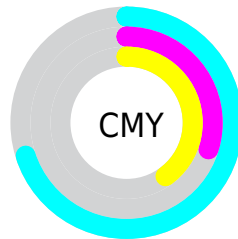
- Red (30%)
- Green (70%)
- Blue (60%)



- Red (30%)
- Yellow (53%)
- Blue (70%)



- Cyan (57%)
- Magenta (0%)
- Yellow (14%)
- Black (30%)





- Cyan (70%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0134, 36.1511, 36.2314 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 25.0134, 36.1511, 36.2314 by changing the saturation by 10% instead.


 25.0134, 36.1511,
36.2314


 25.0134, 36.1511,
36.2314


270.2511,
329.6205, 345.0388


 16.2158, 24.5509,
24.3219

 51.1217, 69.2652,
70.5621


 9.7688, 15.7428,
15.3581

 69.1631, 91.5479,
93.8204


 5.3070, 9.3423,
8.9217


 91.0166, 118.1603,
121.6987

 2.4651, 4.9651,
4.5940

 117.0473,
149.4867, 154.6155

 0.8777, 2.2268,
1.9566

 147.6208,
185.9115, 192.9893

 0.0000, 0.7346,
0.5284

183.1024,

 0.0000, 0.0000,

227.8192, 237.2388

0.0000

223.8573,
275.5940, 287.7824

■ 25.0134, 36.1511,
36.2314

■ 25.0134, 36.1511,
36.2314

■ 23.4044, 35.3640,
34.2838

■ 27.0351, 37.1512,
38.2696

■ 22.1716, 34.7684,
32.4220

■ 29.4964, 38.3755,
40.3981

■ 21.2768, 34.3455,
30.6443

■ 32.4253, 39.8393,
42.6197

■ 20.6644, 34.0668,
28.9474

■ 35.8465, 41.5553,
44.9362

■ 20.5029, 33.9943,
28.4495

■ 39.7831, 43.5353,
47.3493

■ 44.2567, 45.7906,
49.8609

■ 49.2875, 48.3314,
52.4725

■ 54.8947, 51.1678,
55.1856

■ 61.0967, 54.3091,
58.0018

Harmonies

Analogous

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



26.6237, 36.1511, 24.2477



25.0134, 36.1511, 36.2314



25.6871, 36.1511, 52.6678

Triad

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



25.0134, 36.1511, 36.2314



38.7371, 36.1511, 73.4360



40.8837, 36.1511, 19.8677

Complementary

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



25.0134, 36.1511, 36.2314



23.6437, 15.8517, 14.3851

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.



44.7950, 36.1511, 28.5109



25.0134, 36.1511, 36.2314



43.4674, 36.1511, 59.7295

Square

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



25.0134, 36.1511, 36.2314



33.2491, 36.1511, 77.0757



45.7868, 36.1511, 42.6688



35.4964, 36.1511, 16.5356

Rectangle

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



25.0134, 36.1511, 36.2314



27.3803, 36.1511, 63.8238



45.7868, 36.1511, 42.6688



42.4365, 36.1511, 22.1180

Sweetspot

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



25.0144, 36.1525, 36.2322



63.9974, 74.3209, 80.3473



22.9971, 35.6316, 12.6873



13.8956, 16.3237, 17.6165



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.



25.0144, 36.1525, 36.2322



41.3817, 63.0743, 60.6637



22.6716, 27.7802, 46.8167



8.6518, 9.5952, 10.4263



14.5145, 24.0318, 20.2438



0.4781, 0.7647, 0.7497

Inverse Universe

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



23.6437, 15.8517, 14.3851



38.7377, 23.2867, 18.0563



24.7318, 19.7219, 9.5250



8.5790, 8.5383, 9.2812



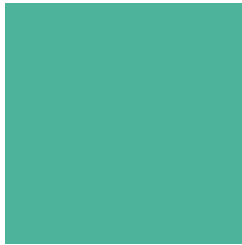
13.4787, 6.9091, 2.4151



0.4476, 0.2268, 0.1997

Previews

White Background



This preview shows how the XYZ color 25.0134, 36.1511, 36.2314 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 25.0134, 36.1511, 36.2314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

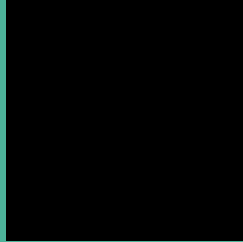
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.0134, 36.1511, 36.2314

Background



This preview shows how black text looks on a background with the XYZ color 25.0134, 36.1511, 36.2314.

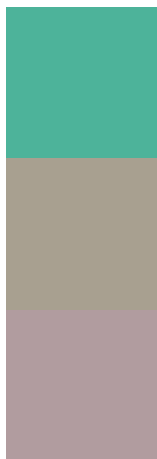


This preview shows how white text looks on a background with the XYZ color 25.0134, 36.1511,

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

25.0134, 36.1511, 36.2314

Protanopia

33.7533, 35.4801, 31.4549

Deuteranopia

36.2779, 35.6272, 37.7656



Tritanopia

28.3330, 36.0268, 53.0375

Trichromacy



Original Color

25.0134, 36.1511, 36.2314



Protanomaly

29.1557, 34.9264, 33.2218



Deuteranomaly

30.3458, 34.6480, 36.9866



Tritanomaly

27.1081, 36.1166, 46.6167

Monochromacy



Original Color

25.0134, 36.1511, 36.2314



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

25.5368, 30.6886, 33.0113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0134, 36.1511, 36.2314 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(77, 179, 154)` looks like.

```
.text, #text, p{  
    color:rgb(77, 179, 154)  
}
```

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(77, 179, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 179, 154) }
```

Border

The CSS property to change the border of an element to XYZ 25.0134, 36.1511, 36.2314 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(77, 179, 154) }
```


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

```
.border{ border-color:rgb(77, 179, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 179, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 179, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 179, 154);  
box-shadow:4px 4px 4px 4px rgb(77, 179,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0134, 36.1511, 36.2314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 179, 154) }
```

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

```
.background{ background-color: rgb(77, 179,  
154) }
```

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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