

Converting Colors

XYZ(24.9419, 36.1929, 25.9343)

Have a look what the booklet for
XYZ(24.9419, 36.1929, 25.9343)
contains.

XYZ(25.0534, 36.3954, 26.1266)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.0534, 36.3954,
26.1266)**

Conversions

Conversions Part 1

Format	Color
Hex	62B380
RGB	98, 179, 128
RGB Percent	38%, 70%, 50%
CMY	0.6157, 0.2980, 0.4980
CMYK	0.45, 0.00, 0.28, 0.30
HSL	142°, 35%, 54%
HSV	142°, 45%, 70%
XYZ	25.0534, 36.3954, 26.1266
YIQ	148.9670, -31.9050, -33.0330

Conversions

Conversions Part 2

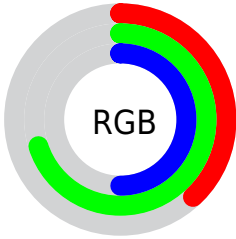
Format	Color
RYB	98, 157, 179
Decimal	6468480
CIELab	66.82, -36.40, 18.51
CIElCh	67, 40.837, 153.041
Yxy	36.3954, 0.2861, 0.4156
Android (android.graphics.Color)	4284658560 (0xFF62B380)
YUV	148.9670, -10.3367, -44.6981
Hunter-Lab	60.3286, -31.4472, 16.5532

Details

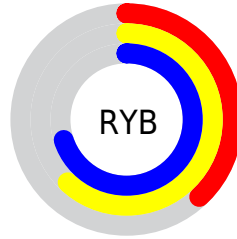
The XYZ color **25.0534, 36.3954, 26.1266** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **28.3841, 20.4898, 30.8942**, and the grayscale version is **28.6057, 30.0954, 32.7739**.

A 20% lighter version of the original color is **51.1857, 69.5252, 54.4380**, and **9.8684, 15.9998, 9.9653** is the 20% darker color. If you saturate the color by 10%, you get **22.6327, 35.2295, 22.3539**, and if you desaturate by 10%, it is **27.9904, 37.8199, 30.3553**.

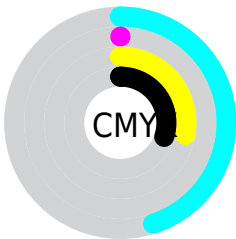
Distribution



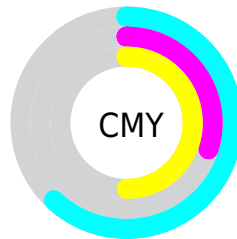
- Red (38%)
- Green (70%)
- Blue (50%)



- Red (38%)
- Yellow (62%)
- Blue (70%)



- Cyan (45%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)





- Cyan (62%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0534, 36.3954, 26.1266 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 25.0534, 36.3954, 26.1266 by changing the saturation by 10% instead.


 25.0534, 36.3954,
26.1266


 25.0534, 36.3954,
26.1266


270.4465,
330.6855, 297.0282


 16.2458, 24.7397,
16.6918


 51.1861, 69.6419,
54.4657


 9.7902, 15.8832,
9.8553


 69.2419, 92.0016,
74.2070

 5.3213, 9.4416,
5.1988


 91.1112, 118.6980,
98.2210

 2.4737, 5.0303,
2.3036

 117.1592,
150.1155, 126.9260

 0.8820, 2.2651,
0.7332

147.7514,
186.6387, 160.7407

 0.0000, 0.7551,
0.0000

183.2531,

 0.0000, 0.0000,

228.6518, 200.0836

0.0000

224.0297,
276.5393, 245.3733

■ 25.0534, 36.3954,
26.1266

■ 25.0534, 36.3954,
26.1266

■ 22.6327, 35.2295,
22.3539

■ 27.9904, 37.8199,
30.3553

■ 20.6935, 34.3016,
19.0191

■ 31.4697, 39.5132,
35.0522

■ 19.2013, 33.5953,
16.1068


■ 35.5192, 41.4903,
40.2321


■ 18.1153, 33.0898,
13.5993


■ 40.1637, 43.7639,
45.9085


■ 17.3854, 32.7597,
11.4778


■ 45.4267, 46.3456,
52.0943

 17.1129, 32.6384,
10.5980

 51.3304, 49.2467,
58.8019

 57.8959, 52.4778,
66.0432

 65.1431, 56.0491,
73.8299

 71.5649, 59.1832,
82.1017

Harmonies

Analogous

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



28.5152, 36.3954, 17.4139



25.0534, 36.3954, 26.1266



24.0404, 36.3954, 41.4595

Triad

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



25.0534, 36.3954, 26.1266



35.2263, 36.3954, 84.1993



45.5294, 36.3954, 23.8309

Complementary

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



25.0534, 36.3954, 26.1266



28.3841, 20.4898, 30.8942

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.



47.8535, 36.3954, 37.8520



25.0534, 36.3954, 26.1266



41.4778, 36.3954, 75.5086

Square

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



25.0534, 36.3954, 26.1266



29.4849, 36.3954, 78.3147



46.2899, 36.3954, 57.1271



40.2588, 36.3954, 16.3921

Rectangle

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



25.0534, 36.3954, 26.1266



24.7778, 36.3954, 54.4805



46.2899, 36.3954, 57.1271



46.7078, 36.3954, 27.7553

Sweetspot

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



25.0544, 36.3969, 26.1274



64.4062, 74.6937, 73.0425



30.7752, 39.5415, 17.5659



13.9011, 16.3684, 15.7226



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.



25.0544, 36.3969, 26.1274



40.6656, 63.1562, 40.2499



28.2448, 37.6731, 42.9281



8.5148, 9.5404, 9.7045



12.1214, 23.0745, 7.6422



0.4102, 0.7375, 0.3919

Inverse Universe

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



28.3841, 20.4898, 30.8942



47.3507, 31.1560, 49.7727



25.7087, 19.4197, 16.8055



8.7139, 8.5923, 9.9916



15.2636, 7.6230, 11.8142



0.5073, 0.2507, 0.5140

Previews

White Background



This preview shows how the XYZ color 25.0534, 36.3954, 26.1266 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 25.0534, 36.3954, 26.1266 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 25.0534, 36.3954, 26.1266

Background



This preview shows how black text looks on a background with the XYZ color 25.0534, 36.3954, 26.1266.



This preview shows how white text looks on a background with the XYZ color 25.0534, 36.3954,

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

25.0534, 36.3954, 26.1266

Protanopia

33.3686, 35.7300, 22.9072

Deuteranopia

36.4485, 35.7009, 27.1602



Tritanopia

30.1916, 36.4526, 51.3437

Trichromacy



Original Color

25.0534, 36.3954, 26.1266

Protanomaly

29.4318, 35.5463, 24.0488

Deuteranomaly

30.8898, 35.1582, 26.6309

Tritanomaly

28.0942, 36.4661, 40.6799

Monochromacy



Original Color

25.0534, 36.3954, 26.1266

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

26.5844, 31.8105, 29.9382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0534, 36.3954, 26.1266 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(98, 179, 128)` looks like.

```
.text, #text, p{  
    color:rgb(98, 179, 128)  
}
```

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(98, 179, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 179, 128) }
```

Border

The CSS property to change the border of an element to XYZ 25.0534, 36.3954, 26.1266 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(98, 179, 128) }
```


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

```
.border{ border-color:rgb(98, 179, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 179, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 179, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 179, 128);  
box-shadow:4px 4px 4px 4px rgb(98, 179,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0534, 36.3954, 26.1266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 179, 128) }
```

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

```
.background{ background-color: rgb(98, 179,  
128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor