

Converting Colors

XYZ(25.1871, 36.1090, 25.5981)

Have a look what the booklet for
XYZ(25.1871, 36.1090, 25.5981)
contains.

| | |
|--|----|
| XYZ(25.2306, 36.1979, 25.7358) | 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(25.2306, 36.1979,
25.7358)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 66B27F |
| RGB | 102, 178, 127 |
| RGB Percent | 40%, 70%, 50% |
| CMY | 0.6000, 0.3019, 0.5020 |
| CMYK | 0.43, 0.00, 0.29, 0.30 |
| HSL | 140°, 33%, 55% |
| HSV | 140°, 43%, 70% |
| XYZ | 25.2306, 36.1979, 25.7358 |
| YIQ | 149.4620, -28.9250, -31.9730 |

Conversions

Conversions Part 2

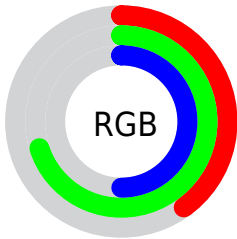
| Format | Color |
|-------------------------------------|--|
| RYB | 102, 159, 178 |
| Decimal | 6730367 |
| CIELab | 66.67, -35.00, 18.88 |
| CIElCh | 67, 39.765, 151.658 |
| Yxy | 36.1979, 0.2895, 0.4153 |
| Android (android.graphics.Color) | 4284920447 (0xFF66B27F) |
| YUV | 149.4620, -11.0738, -41.6242 |
| Hunter-Lab | 60.1647, -30.4326, 16.7536 |

Details

The XYZ color **25.2306, 36.1979, 25.7358** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **28.8623, 21.2683, 32.7220**, and the grayscale version is **28.8165, 30.3172, 33.0154**.

A 20% lighter version of the original color is **51.3713, 69.2088, 53.8311**, and **9.9277, 15.8457, 9.7430** is the 20% darker color. If you saturate the color by 10%, you get **22.6930, 34.9754, 21.7917**, and if you desaturate by 10%, it is **28.2956, 37.6836, 30.1880**.

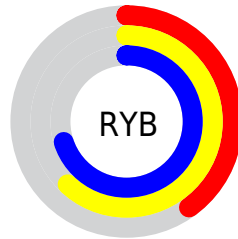
Distribution



Red (40%)

Green (70%)

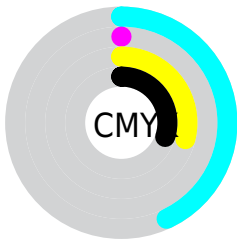
Blue (50%)



Red (40%)

Yellow (62%)

Blue (70%)

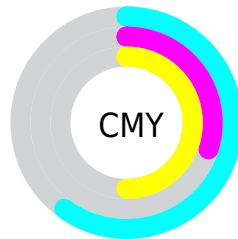


Cyan (43%)

Magenta (0%)

Yellow (29%)

Black (30%)



Cyan (60%)

Magenta (30%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2306, 36.1979, 25.7358 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 25.2306, 36.1979, 25.7358 by changing the saturation by 10% instead.

■ 25.2306, 36.1979,
25.7358

■ 25.2306, 36.1979,
25.7358

271.3109,
329.8247, 295.0468

■ 16.3786, 24.5871,
16.4021

■ 51.4713, 69.3374,
53.8273

■ 9.8850, 15.7697,
9.6517

■ 69.5907, 91.6349,
73.4221

■ 5.3845, 9.3613,
5.0661

■ 91.5299, 118.2634,
97.2744

■ 2.5116, 4.9776,
2.2267

■ 117.6543,
149.6073, 125.8027

■ 0.9011, 2.2341,
0.6897

148.3292,
186.0509, 159.4256

■ 0.0000, 0.7385,
0.0000

183.9201,

■ 0.0000, 0.0000,

227.9788, 198.5615

0.0000

224.7922,
275.7753, 243.6291

■ 25.2306, 36.1979,
25.7358

■ 25.2306, 36.1979,
25.7358

■ 22.6930, 34.9754,
21.7917

■ 28.2956, 37.6836,
30.1880

■ 20.6487, 33.9959,
18.3350

■ 31.9136, 39.4424,
35.1632

■ 19.0640, 33.2435,
15.3472


■ 36.1121, 41.4891,
40.6785


■ 17.8995, 32.6982,
12.8076


■ 40.9158, 43.8361,
46.7497


■ 17.1085, 32.3364,
10.6937


■ 46.3480, 46.4951,
53.3920

 16.6990, 32.1534,
9.4034

 52.4305, 49.4771,
60.6197

 59.1844, 52.7926,
68.4468

 66.6297, 56.4517,
76.8868

 72.0852, 59.0719,
85.8265

Harmonies

Analogous

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



28.7069, 36.1979, 17.4749



25.2306, 36.1979, 25.7358



24.1282, 36.1979, 40.3756

Triad

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



25.2306, 36.1979, 25.7358



34.7394, 36.1979, 82.4367



45.1700, 36.1979, 24.5114

Complementary

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



25.2306, 36.1979, 25.7358



28.8623, 21.2683, 32.7220

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.



47.2504, 36.1979, 38.4665



25.2306, 36.1979, 25.7358



40.8113, 36.1979, 74.6875

Square

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



25.2306, 36.1979, 25.7358



29.2215, 36.1979, 76.1587



45.5708, 36.1979, 57.2390



40.1679, 36.1979, 16.9257

Rectangle

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



25.2306, 36.1979, 25.7358



24.7719, 36.1979, 52.8844



45.5708, 36.1979, 57.2390



46.2587, 36.1979, 28.4494

Sweetspot

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



25.2316, 36.1994, 25.7366



65.0556, 75.0254, 73.2122



31.6337, 39.6653, 18.5594



14.0256, 16.4328, 15.7181



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.



25.2316, 36.1994, 25.7366



41.4913, 63.5868, 40.0655



28.1078, 37.3499, 40.8828



8.5004, 9.5347, 9.6289



11.9741, 23.0156, 6.8664



0.4044, 0.7352, 0.3615

Inverse Universe

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



28.8623, 21.2683, 32.7220



48.9180, 32.9879, 54.3115



26.2609, 20.2277, 19.0233



8.7288, 8.5982, 10.0702



15.5686, 7.7450, 13.4199



0.5154, 0.2539, 0.5568

Previews

White Background



This preview shows how the XYZ color 25.2306, 36.1979, 25.7358 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 25.2306, 36.1979, 25.7358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

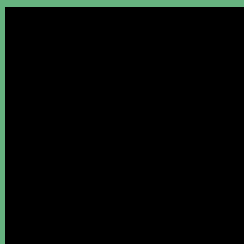
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.2306, 36.1979, 25.7358

Background



This preview shows how black text looks on a background with the XYZ color 25.2306, 36.1979, 25.7358.



This preview shows how white text looks on a background with the XYZ color 25.2306, 36.1979,

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

25.2306, 36.1979, 25.7358

Protanopia

33.3082, 35.7059, 22.5892

Deuteranopia

36.3797, 35.6734, 26.7980



Tritanopia

30.2849, 36.2313, 50.7446

Trichromacy



Original Color

25.2306, 36.1979, 25.7358

Protanomaly

29.3642, 35.2456, 23.6678

Deuteranomaly

30.8368, 34.8740, 26.2252

Tritanomaly

28.1773, 36.2314, 40.1586

Monochromacy



Original Color

25.2306, 36.1979, 25.7358

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

26.8942, 31.9702, 29.9527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2306, 36.1979, 25.7358 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(102, 178, 127)` looks like.

```
.text, #text, p{  
    color:rgb(102, 178, 127)  
}
```

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(102, 178, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 178, 127) }
```

Border

The CSS property to change the border of an element to XYZ 25.2306, 36.1979, 25.7358 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(102, 178, 127) }
```


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

```
.border{ border-color:rgb(102, 178, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 178, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 178, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 178, 127);  
box-shadow:4px 4px 4px 4px rgb(102, 178,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2306, 36.1979, 25.7358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 178, 127) }
```

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

```
.background{ background-color: rgb(102,  
178, 127) }
```

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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