

Converting Colors

XYZ(30.6300, 46.1981, 25.2654)

Have a look what the booklet for
XYZ(30.6300, 46.1981, 25.2654)
contains.

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Color

**XYZ(30.5359, 46.0040,
25.3594)**

Conversions

Conversions Part 1

Format	Color
Hex	6EC879
RGB	110, 200, 121
RGB Percent	43%, 78%, 47%
CMY	0.5686, 0.2157, 0.5255
CMYK	0.45, 0.00, 0.40, 0.22
HSL	127°, 45%, 61%
HSV	127°, 45%, 78%
XYZ	30.5359, 46.0040, 25.3594
YIQ	164.0840, -28.2810, -43.6490

Conversions

Conversions Part 2

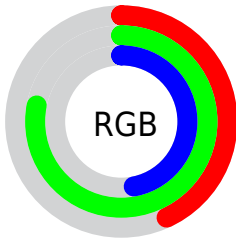
Format	Color
RYB	110, 190, 200
Decimal	7260281
CIELab	73.55, -43.54, 31.34
CIElCh	74, 53.643, 144.250
Yxy	46.0040, 0.2997, 0.4515
Android (android.graphics.Color)	4285450361 (0xFF6EC879)
YUV	164.0840, -21.2404, -47.4317
Hunter-Lab	67.8262, -38.3339, 25.3106

Details

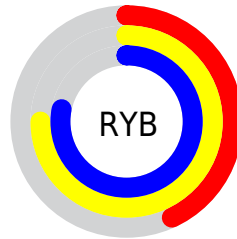
The XYZ color **30.5359, 46.0040, 25.3594** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **38.5822, 27.1063, 51.3444**, and the grayscale version is **35.4352, 37.2806, 40.5985**.

A 20% lighter version of the original color is **59.1259, 82.6830, 52.8876**, and **12.7309, 21.4626, 9.4329** is the 20% darker color. If you saturate the color by 10%, you get **27.3424, 44.4723, 20.0927**, and if you desaturate by 10%, it is **34.4893, 47.9075, 31.6864**.

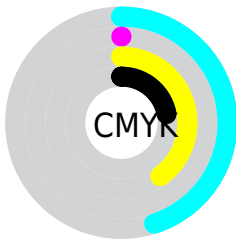
Distribution



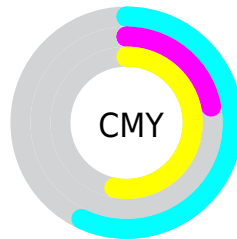
- Red (43%)
- Green (78%)
- Blue (47%)



- Red (43%)
- Yellow (75%)
- Blue (78%)



- Cyan (45%)
- Magenta (0%)
- Yellow (40%)
- Black (22%)





- Cyan (57%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5359, 46.0040, 25.3594 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 30.5359, 46.0040, 25.3594 by changing the saturation by 10% instead.


 30.5359, 46.0040,
25.3594


 30.5359, 46.0040,
25.3594


296.2597,
370.8247, 293.1278


 20.3958, 32.2490,
16.1236


 59.8895, 84.2250,
53.2110

 12.7930, 21.5517,
9.4563

 79.8337, 109.4597,
72.6639

 7.3622, 13.5279,
4.9392


 103.7766,
139.2899, 96.3595

 3.7380, 7.7931,
2.1535

132.0836,
174.0997, 124.7164

 1.5550, 3.9628,
0.6473

165.1201,
214.2738, 158.1532

 0.3628, 1.6528,
0.0000

203.2513,

 0.0000, 0.3928,

260.1963, 197.0883

0.0000

246.8427,
312.2519, 241.9403

■ 0.0000, 0.0000,
0.0000

■ 30.5359, 46.0040,
25.3594

■ 30.5359, 46.0040,
25.3594

■ 27.3424, 44.4723,
20.0927

■ 34.4893, 47.9075,
31.6864

■ 24.8563, 43.2825,
15.8253

■ 39.2436, 50.1987,
39.1240

■ 23.0242, 42.4099,
12.4950


■ 44.8411, 52.8998,
47.7230


■ 21.7832, 41.8234,
10.0311


■ 51.3199, 56.0294,
57.5302


■ 21.0580, 41.4859,
8.3530

■ 58.7160, 59.6050,
68.5899

 20.8247, 41.3781,
7.7779

 67.0632, 63.6434,
80.9439

 76.3938, 68.1602,
94.6324

 79.9451, 69.7903,
103.8650

Harmonies

Analogous

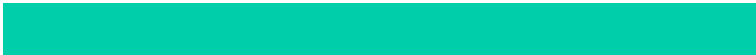
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.6570, 46.0040, 15.9743



30.5359, 46.0040, 25.3594



27.9791, 46.0040, 45.0397

Triad

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



30.5359, 46.0040, 25.3594



41.9243, 46.0040, 122.0673



62.5427, 46.0040, 31.5608

Complementary

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



30.5359, 46.0040, 25.3594



38.5822, 27.1063, 51.3444

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.



64.4883, 46.0040, 55.5055



30.5359, 46.0040, 25.3594



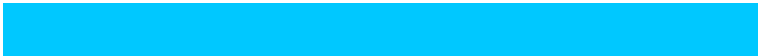
51.6487, 46.0040, 114.3678

Square

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



30.5359, 46.0040, 25.3594



33.9156, 46.0040, 105.5356



60.2526, 46.0040, 87.2061



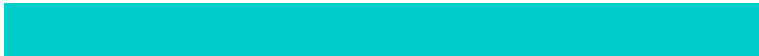
55.2649, 46.0040, 18.5424

Rectangle

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



30.5359, 46.0040, 25.3594



28.3290, 46.0040, 64.0732



60.2526, 46.0040, 87.2061



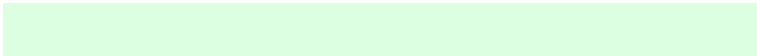
63.8822, 46.0040, 38.3062

Sweetspot

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



30.5371, 46.0059, 25.3604



78.4727, 91.9902, 83.9019



44.5811, 53.3194, 22.6943



16.3093, 19.4545, 17.2156



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.5371, 46.0059, 25.3604



47.4487, 77.0476, 34.9729



33.9231, 47.3604, 43.1913



10.5493, 11.9086, 11.5770



13.2585, 26.3158, 5.0400



0.6457, 1.2532, 0.3332

Inverse Universe

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



38.5822, 27.1063, 51.3444



63.0938, 40.2356, 85.4602



34.4690, 25.4611, 29.6851



11.0251, 10.7934, 13.1157



20.1223, 9.7985, 26.9177



0.9689, 0.4704, 1.3594

Previews

White Background



This preview shows how the XYZ color 30.5359, 46.0040, 25.3594 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 30.5359, 46.0040, 25.3594 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 30.5359, 46.0040, 25.3594

Background



This preview shows how black text looks on a background with the XYZ color 30.5359, 46.0040, 25.3594.



This preview shows how white text looks on a background with the XYZ color 30.5359, 46.0040,

25.3594.

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

30.5359, 46.0040, 25.3594

Protanopia

42.0668, 45.5705, 22.2016

Deuteranopia

46.3148, 45.3335, 26.3879



Tritanopia

38.3350, 45.8239, 64.5820

Trichromacy



Original Color

30.5359, 46.0040, 25.3594



Protanomaly

36.4398, 44.8009, 23.2499



Deuteranomaly

38.3341, 44.1667, 25.9066



Tritanomaly

34.8169, 45.7045, 47.0312

Monochromacy



Original Color

30.5359, 46.0040, 25.3594



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

32.5690, 39.5117, 33.9269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5359, 46.0040, 25.3594 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(110, 200, 121)` looks like.

```
.text, #text, p{  
    color:rgb(110, 200, 121)  
}
```

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(110, 200, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 200, 121) }
```

Border

The CSS property to change the border of an element to XYZ 30.5359, 46.0040, 25.3594 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(110, 200, 121) }
```


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

```
.border{ border-color:rgb(110, 200, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 200, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 200, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 200, 121);  
box-shadow:4px 4px 4px 4px rgb(110, 200,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5359, 46.0040, 25.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 200, 121) }
```

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

```
.background{ background-color: rgb(110,  
200, 121) }
```

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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