

Converting Colors

XYZ(30.4729, 44.8976, 38.2905)

Have a look what the booklet for
XYZ(30.4729, 44.8976, 38.2905)
contains.

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Color

**XYZ(30.6085, 45.0638,
38.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	5CC69C
RGB	92, 198, 156
RGB Percent	36%, 78%, 61%
CMY	0.6392, 0.2235, 0.3882
CMYK	0.54, 0.00, 0.21, 0.22
HSL	156°, 48%, 57%
HSV	156°, 54%, 78%
XYZ	30.6085, 45.0638, 38.5374
YIQ	161.5180, -49.6940, -35.5340

Conversions

Conversions Part 2

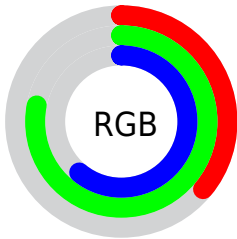
Format	Color
RYB	92, 158, 198
Decimal	6080156
CIELab	72.93, -40.62, 11.86
CIElCh	73, 42.314, 163.720
Yxy	45.0638, 0.2680, 0.3946
Android (android.graphics.Color)	4284270236 (0xFF5CC69C)
YUV	161.5180, -2.7204, -60.9673
Hunter-Lab	67.1296, -36.0876, 12.9538

Details

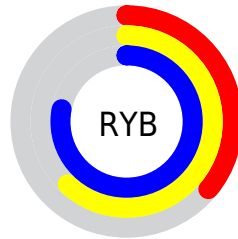
The XYZ color **30.6085, 45.0638, 38.5374** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **31.4205, 21.3825, 25.0273**, and the grayscale version is **34.1474, 35.9257, 39.1231**.

A 20% lighter version of the original color is **59.9123, 82.6127, 74.4162**, and **12.7983, 20.8845, 16.7212** is the 20% darker color. If you saturate the color by 10%, you get **28.2402, 43.9184, 35.0704**, and if you desaturate by 10%, it is **33.5391, 46.4965, 42.2568**.

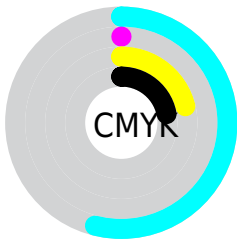
Distribution



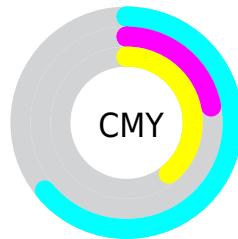
- Red (36%)
- Green (78%)
- Blue (61%)



- Red (36%)
- Yellow (62%)
- Blue (78%)



- Cyan (54%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)





- Cyan (64%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6085, 45.0638, 38.5374 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 30.6085, 45.0638, 38.5374 by changing the saturation by 10% instead.


 30.6085, 45.0638,
38.5374


 30.6085, 45.0638,
38.5374


296.5898,
367.0319, 355.2868

 20.4513, 31.5077,
26.0950


 60.0032, 82.8161,
74.1436


 12.8337, 20.9857,
16.6683

 79.9714, 107.7812,
98.1445

 7.3903, 13.1136,
9.8388


 103.9406,
137.3179, 126.8353

 3.7559, 7.5068,
5.1880

 132.2763,
171.8108, 160.6345

 1.5650, 3.7810,
2.2973

165.3436,
211.6443, 199.9608

 0.3694, 1.5518,
0.7297

203.5081,

 0.0000, 0.3248,

257.2027, 245.2325

0.0000

247.1350,
308.8704, 296.8683

■ 0.0000, 0.0000,
0.0000

■ 30.6085, 45.0638,
38.5374

■ 30.6085, 45.0638,
38.5374

■ 28.2402, 43.9184,
35.0704

■ 33.5391, 46.4965,
42.2568

■ 26.3884, 43.0332,
31.8464

■ 37.0657, 48.2302,
46.2312

■ 25.0061, 42.3853,
28.8600

■ 41.2239, 50.2844,
50.4673

■ 24.0353, 41.9448,
26.1039

■ 46.0450, 52.6751,
54.9704

■ 23.5576, 41.7348,
24.4392

■ 51.5584, 55.4173,
59.7456

■ 57.7917, 58.5254,
64.7981

■ 64.7708, 62.0124,
70.1325

■ 72.5205, 65.8911,
75.7536

■ 75.2467, 67.1745,
81.3937

Harmonies

Analogous

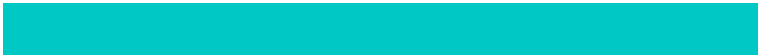
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.7579, 45.0638, 25.1747



30.6085, 45.0638, 38.5374



30.4775, 45.0638, 59.3452

Triad

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



30.6085, 45.0638, 38.5374



46.2846, 45.0638, 100.0533



53.9223, 45.0638, 26.0065

Complementary

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



30.6085, 45.0638, 38.5374



31.4205, 21.3825, 25.0273

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.



58.1412, 45.0638, 40.0495



30.6085, 45.0638, 38.5374



53.4014, 45.0638, 84.6694

Square

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



30.6085, 45.0638, 38.5374



38.9773, 45.0638, 99.2996



57.9403, 45.0638, 61.3582



46.9323, 45.0638, 19.4914

Rectangle

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



30.6085, 45.0638, 38.5374



32.0843, 45.0638, 75.2475



57.9403, 45.0638, 61.3582



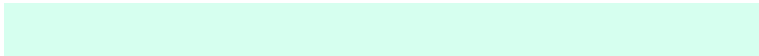
55.7456, 45.0638, 29.7950

Sweetspot

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



30.6097, 45.0656, 38.5384



79.1053, 92.0684, 95.1340



32.0227, 46.2641, 17.3680



16.5434, 19.5137, 20.0033



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.



30.6097, 45.0656, 38.5384



49.4844, 77.5173, 61.2605



32.4634, 42.0649, 59.8366



10.7618, 11.9936, 12.6961



15.3626, 27.1574, 16.1199



0.7624, 1.2999, 0.9474

Inverse Universe

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



31.4205, 21.3825, 25.0273



51.0902, 31.2958, 35.0081



30.0324, 22.4008, 12.8668



10.8050, 10.7054, 11.9566



16.0898, 8.1855, 5.6825



0.7974, 0.4018, 0.4562

Previews

White Background



This preview shows how the XYZ color 30.6085, 45.0638, 38.5374 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 30.6085, 45.0638, 38.5374 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

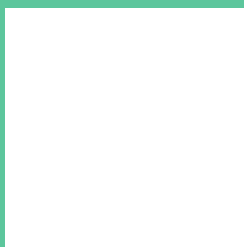
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6085, 45.0638, 38.5374

Background



This preview shows how black text looks on a background with the XYZ color 30.6085, 45.0638, 38.5374.



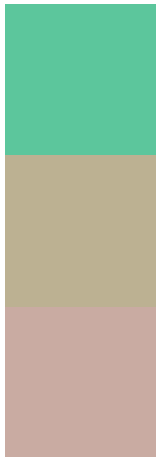
This preview shows how white text looks on a background with the XYZ color 30.6085, 45.0638,

38.5374.

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

30.6085, 45.0638, 38.5374

Protanopia

41.6495, 44.2110, 33.5325

Deuteranopia

45.1719, 44.1520, 40.3238



Tritanopia

35.9567, 44.8924, 65.8015

Trichromacy



Original Color

30.6085, 45.0638, 38.5374



Protanomaly

35.9909, 43.6722, 35.3868



Deuteranomaly

37.5670, 43.1629, 39.6090



Tritanomaly

33.8484, 45.0392, 54.4864

Monochromacy



Original Color

30.6085, 45.0638, 38.5374



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

31.9917, 38.5164, 39.0060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6085, 45.0638, 38.5374 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(92, 198, 156)` looks like.

```
.text, #text, p{  
    color:rgb(92, 198, 156)  
}
```

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(92, 198, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 198, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.6085, 45.0638, 38.5374 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(92, 198, 156) }
```


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

```
.border{ border-color:rgb(92, 198, 156) }
```

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

Here you see how a box with a 4 pixel rgb(92, 198, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 198, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 198, 156);  
box-shadow:4px 4px 4px 4px rgb(92, 198,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6085, 45.0638, 38.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 198, 156) }
```

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

```
.background{ background-color: rgb(92, 198,  
156) }
```

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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