

Converting Colors

XYZ(30.3903, 45.0361, 34.6949)

Have a look what the booklet for
XYZ(30.3903, 45.0361, 34.6949)
contains.

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Color

**XYZ(30.3903, 45.0361,
34.6949)**

Conversions

Conversions Part 1

Format	Color
Hex	61C693
RGB	97, 198, 147
RGB Percent	38%, 78%, 58%
CMY	0.6196, 0.2235, 0.4235
CMYK	0.51, 0.00, 0.26, 0.22
HSL	150°, 47%, 58%
HSV	150°, 51%, 78%
XYZ	30.3903, 45.0361, 34.6949
YIQ	161.9870, -43.8250, -37.2730

Conversions

Conversions Part 2

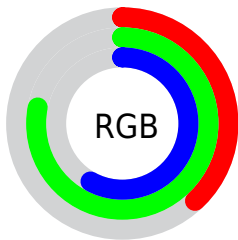
Format	Color
RYB	97, 165, 198
Decimal	6407827
CIELab	72.92, -41.35, 16.70
CIElCh	73, 44.599, 158.012
Yxy	45.0361, 0.2760, 0.4090
Android (android.graphics.Color)	4284597907 (0xFF61C693)
YUV	161.9870, -7.3886, -56.9936
Hunter-Lab	67.1089, -36.6069, 16.3237

Details

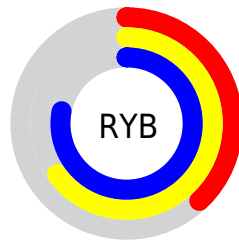
The XYZ color **30.3903, 45.0361, 34.6949** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **32.9101, 22.6943, 30.6645**, and the grayscale version is **34.3858, 36.1765, 39.3962**.

A 20% lighter version of the original color is **59.6290, 82.6071, 68.0603**, and **12.6613, 20.8645, 14.4263** is the 20% darker color. If you saturate the color by 10%, you get **27.7874, 43.7822, 30.6545**, and if you desaturate by 10%, it is **33.5903, 46.5924, 39.1212**.

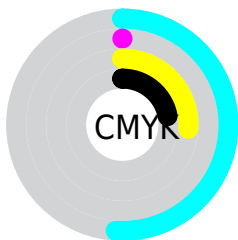
Distribution



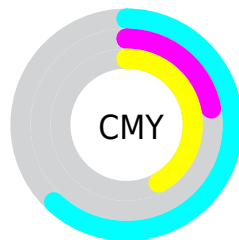
- Red (38%)
- Green (78%)
- Blue (58%)



- Red (38%)
- Yellow (65%)
- Blue (78%)



- Cyan (51%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)





- Cyan (62%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3903, 45.0361, 34.6949 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 30.3903, 45.0361, 34.6949 by changing the saturation by 10% instead.


 30.3903, 45.0361,
34.6949


 30.3903, 45.0361,
34.6949


295.5968,
366.9197, 338.0828

 20.2846, 31.4859,
23.1463


 59.6613, 82.7746,
68.1590


 12.7115, 20.9691,
14.4952


 79.5572, 107.7316,
90.9117

 7.3058, 13.1014,
8.3232


 103.4473,
137.2597, 118.2360

 3.7021, 7.4984,
4.2117

 131.6968,
171.7432, 150.5506

 1.5350, 3.7757,
1.7422

164.6712,
211.5666, 188.2741

 0.3495, 1.5489,
0.3894

202.7357,

 0.0000, 0.3228,

257.1142, 231.8249

0.0000

246.2558,
308.7705, 281.6217

■ 0.0000, 0.0000,
0.0000

■ 30.3903, 45.0361,
34.6949

■ 30.3903, 45.0361,
34.6949

■ 27.7874, 43.7822,
30.6545

■ 33.5903, 46.5924,
39.1212

■ 25.7363, 42.8039,
26.9860

■ 37.4214, 48.4646,
43.9409

■ 24.1909, 42.0788,
23.6787

■ 41.9189, 50.6722,
49.1648

■ 23.0949, 41.5782,
20.7204

■ 47.1146, 53.2313,
54.8026

■ 22.4004, 41.2720,
18.3458

■ 53.0382, 56.1570,
60.8636

■ 59.7176, 59.4635,
67.3567

■ 67.1790, 63.1643,
74.2905

■ 75.2985, 67.1952,
81.6664

■ 76.7191, 67.7635,
89.1473

Harmonies

Analogous

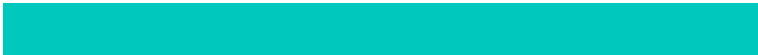
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.2466, 45.0361, 22.4558



30.3903, 45.0361, 34.6949



29.6475, 45.0361, 55.2469

Triad

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



30.3903, 45.0361, 34.6949



44.9223, 45.0361, 104.7970



55.6916, 45.0361, 27.1208

Complementary

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



30.3903, 45.0361, 34.6949



32.9101, 22.6943, 30.6645

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.



59.3738, 45.0361, 43.3102



30.3903, 45.0361, 34.6949



52.6833, 45.0361, 91.0749

Square

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



30.3903, 45.0361, 34.6949



37.4507, 45.0361, 100.3885



58.2110, 45.0361, 66.8691



48.6478, 45.0361, 19.0951

Rectangle

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



30.3903, 45.0361, 34.6949



30.9216, 45.0361, 72.0080



58.2110, 45.0361, 66.8691



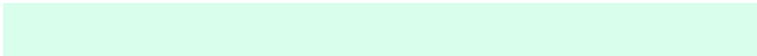
57.4001, 45.0361, 31.5579

Sweetspot

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



30.3915, 45.0379, 34.6959



79.3956, 92.2713, 92.7429



34.7811, 47.6600, 18.6760



16.5743, 19.5432, 19.3946



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.



30.3915, 45.0379, 34.6959



48.8363, 77.3506, 53.6661



35.1252, 46.9314, 59.6232



10.7127, 11.9740, 12.4373



14.6101, 26.8564, 12.1572



0.7284, 1.2863, 0.7682

Inverse Universe

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



32.9101, 22.6943, 30.6645



53.7801, 33.4834, 45.7461



29.8017, 21.4509, 14.2955



10.8536, 10.7248, 12.2121



16.6839, 8.4231, 8.8111



0.8265, 0.4135, 0.6097

Previews

White Background



This preview shows how the XYZ color 30.3903, 45.0361, 34.6949 looks on a white background.

Color Contrast Check

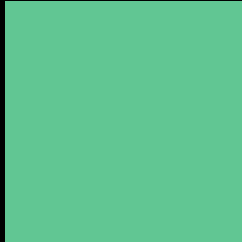
Large Text (above 18pt) WCAG AA × Fail

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 30.3903, 45.0361, 34.6949 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 30.3903, 45.0361, 34.6949

Background



This preview shows how black text looks on a background with the XYZ color 30.3903, 45.0361, 34.6949.



This preview shows how white text looks on a background with the XYZ color 30.3903, 45.0361,

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

30.3903, 45.0361, 34.6949

Protanopia

41.6710, 44.5941, 30.0781

Deuteranopia

45.2145, 44.2631, 36.2976



Tritanopia

36.3641, 44.7939, 65.1220

Trichromacy



Original Color

30.3903, 45.0361, 34.6949



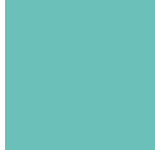
Protanomaly

35.8670, 43.6889, 31.7417



Deuteranomaly

37.6268, 43.2814, 35.6492



Tritanomaly

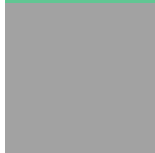
33.8903, 44.7685, 52.7539

Monochromacy



Original Color

30.3903, 45.0361, 34.6949



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

31.8970, 38.4975, 37.6479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3903, 45.0361, 34.6949 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(97, 198, 147)` looks like.

```
.text, #text, p{  
    color:rgb(97, 198, 147)  
}
```

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(97, 198, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 198, 147) }
```

Border

The CSS property to change the border of an element to XYZ 30.3903, 45.0361, 34.6949 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(97, 198, 147) }
```


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

```
.border{ border-color:rgb(97, 198, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 198, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 198, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 198, 147);  
box-shadow:4px 4px 4px 4px rgb(97, 198,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3903, 45.0361, 34.6949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 198, 147) }
```

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

```
.background{ background-color: rgb(97, 198,  
147) }
```

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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