

Converting Colors

XYZ(38.2410, 55.0047, 44.6038)

Have a look what the booklet for
XYZ(38.2410, 55.0047, 44.6038)
contains.

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Color

**XYZ(38.2536, 54.9989,
44.6761)**

Conversions

Conversions Part 1

Format	Color
Hex	73D7A6
RGB	115, 215, 166
RGB Percent	45%, 84%, 65%
CMY	0.5490, 0.1568, 0.3490
CMYK	0.47, 0.00, 0.23, 0.16
HSL	151°, 56%, 65%
HSV	151°, 47%, 84%
XYZ	38.2536, 54.9989, 44.6761
YIQ	179.5140, -43.8710, -36.4390

Conversions

Conversions Part 2

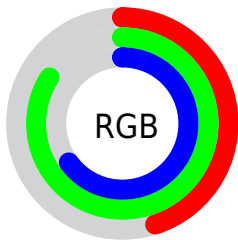
Format	Color
RYB	115, 181, 215
Decimal	7591846
CIELab	79.04, -40.50, 15.25
CIElCh	79, 43.273, 159.370
Yxy	54.9989, 0.2773, 0.3987
Android (android.graphics.Color)	4285781926 (0xFF73D7A6)
YUV	179.5140, -6.6624, -56.5788
Hunter-Lab	74.1612, -37.7089, 16.1955

Details

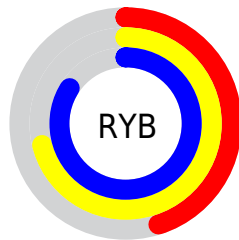
The XYZ color **38.2536, 54.9989, 44.6761** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **40.8577, 29.3901, 38.6434**, and the grayscale version is **43.1746, 45.4230, 49.4657**.

A 20% lighter version of the original color is **65.8244, 85.5111, 81.4426**, and **17.2954, 27.2264, 20.2632** is the 20% darker color. If you saturate the color by 10%, you get **34.8223, 53.3386, 39.6762**, and if you desaturate by 10%, it is **42.4264, 57.0352, 50.1264**.

Distribution



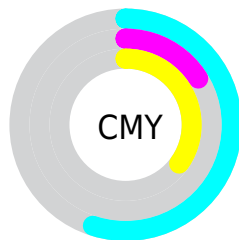
- Red (45%)
- Green (84%)
- Blue (65%)



- Red (45%)
- Yellow (71%)
- Blue (84%)



- Cyan (47%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)





- Cyan (55%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2536, 54.9989, 44.6761 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 38.2536, 54.9989, 44.6761 by changing the saturation by 10% instead.


 38.2536, 54.9989,
44.6761


 38.2536, 54.9989,
44.6761


329.9687,
405.9078, 381.5820


 26.3577, 39.4008,
30.8613


 71.7981, 97.5393,
83.5474

 17.2255, 27.0717,
20.2357

 94.1773, 125.2505,
109.4411

 10.4917, 17.6271,
12.3807


 120.7818,
157.7682, 140.1980

 5.7909, 10.6826,
6.8778

151.9767,
195.4767, 176.2369

 2.7578, 5.8538,
3.3085

188.1275,
238.7606, 217.9761

 1.0270, 2.7564,
1.2542

229.5995,

 0.0000, 1.0059,

288.0041, 265.8344

0.0238

276.7581,
343.5917, 320.2302

■ 0.0000, 0.0000,
0.0000

■ 38.2536, 54.9989,
44.6761

■ 38.2536, 54.9989,
44.6761

■ 34.8223, 53.3386,
39.6762

■ 42.4264, 57.0352,
50.1264

■ 32.0796, 52.0229,
35.1109

■ 47.3800, 59.4633,
56.0350

■ 29.9724, 51.0261,
30.9685


■ 53.1563, 62.3059,
62.4141

■ 28.4374, 50.3158,
27.2356


■ 59.7927, 65.5821,
69.2744


■ 27.3943, 49.8509,
23.8972


■ 67.3243, 69.3098,
76.6264

 27.0969, 49.7211,
22.8210

 75.7841, 73.5060,
84.4798

 81.2325, 76.1393,
92.6585

 82.8416, 76.7830,
101.1317

 83.5915, 77.0829,
105.0805

Harmonies

Analogous

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



42.4552, 54.9989, 30.1862



38.2536, 54.9989, 44.6761



37.5745, 54.9989, 67.9456

Triad

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



38.2536, 54.9989, 44.6761



55.0185, 54.9989, 119.9497



66.1553, 54.9989, 34.5499

Complementary

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



38.2536, 54.9989, 44.6761



40.8577, 29.3901, 38.6434

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.



70.3820, 54.9989, 52.4875



38.2536, 54.9989, 44.6761



63.5026, 54.9989, 104.5575

Square

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



38.2536, 54.9989, 44.6761



46.6528, 54.9989, 116.1621



69.3613, 54.9989, 78.2033



58.3312, 54.9989, 25.5534

Rectangle

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



38.2536, 54.9989, 44.6761



39.1266, 54.9989, 86.2964



69.3613, 54.9989, 78.2033



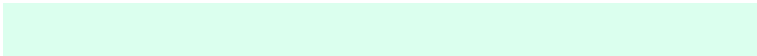
68.0809, 54.9989, 39.4998

Sweetspot

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



38.2551, 55.0011, 44.6774



80.4240, 92.7707, 94.1771



42.9138, 57.8404, 25.1228



16.7810, 19.6432, 19.6994



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.



38.2551, 55.0011, 44.6774



51.2273, 78.4818, 58.3621



43.6382, 57.1544, 73.0246



12.5241, 14.0006, 14.5742



16.2603, 29.7595, 13.9322



1.0225, 1.8117, 1.0603

Inverse Universe

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



40.8577, 29.3901, 38.6434



55.5177, 36.2771, 48.4262



37.2511, 27.9475, 19.6514



12.6743, 12.5212, 14.2253



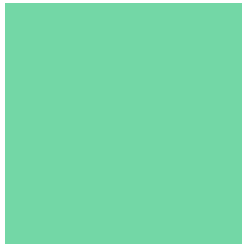
18.3512, 9.2768, 9.1532



1.1486, 0.5762, 0.7720

Previews

White Background



This preview shows how the XYZ color 38.2536, 54.9989, 44.6761 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 38.2536, 54.9989, 44.6761 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 38.2536, 54.9989, 44.6761

Background



This preview shows how black text looks on a background with the XYZ color 38.2536, 54.9989, 44.6761.



This preview shows how white text looks on a background with the XYZ color 38.2536, 54.9989,

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

38.2536, 54.9989, 44.6761

Protanopia

51.0247, 54.2493, 39.2344

Deuteranopia

55.3409, 54.0488, 46.5454



Tritanopia

44.9733, 54.7533, 78.7191

Trichromacy



Original Color

38.2536, 54.9989, 44.6761



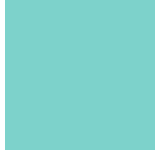
Protanomaly

44.9213, 53.7778, 41.2703



Deuteranomaly

46.7504, 52.9021, 45.7773



Tritanomaly

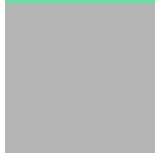
42.2835, 54.7650, 64.8420

Monochromacy



Original Color

38.2536, 54.9989, 44.6761



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

40.5181, 48.3030, 47.7453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2536, 54.9989, 44.6761 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(115, 215, 166)` looks like.

```
.text, #text, p{  
    color:rgb(115, 215, 166)  
}
```

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(115, 215, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 215, 166) }
```

Border

The CSS property to change the border of an element to XYZ 38.2536, 54.9989, 44.6761 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(115, 215, 166) }
```


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

```
.border{ border-color:rgb(115, 215, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 215, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 215, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 215, 166);  
box-shadow:4px 4px 4px 4px rgb(115, 215,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2536, 54.9989, 44.6761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 215, 166) }
```

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

```
.background{ background-color: rgb(115,  
215, 166) }
```

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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