

Converting Colors

XYZ(41.4085, 57.9292, 55.4374)

Have a look what the booklet for
XYZ(41.4085, 57.9292, 55.4374)
contains.

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Color

**XYZ(41.3969, 57.9212,
55.4524)**

Conversions

Conversions Part 1

Format	Color
Hex	74DBBA
RGB	116, 219, 186
RGB Percent	45%, 86%, 73%
CMY	0.5451, 0.1412, 0.2706
CMYK	0.47, 0.00, 0.15, 0.14
HSL	161°, 59%, 66%
HSV	161°, 47%, 86%
XYZ	41.3969, 57.9212, 55.4524
YIQ	184.4410, -50.7950, -32.0990

Conversions

Conversions Part 2

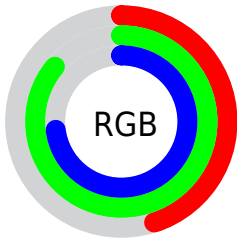
Format	Color
RYB	116, 177, 219
Decimal	7658426
CIELab	80.69, -37.78, 7.00
CIELCh	81, 38.425, 169.505
Yxy	57.9212, 0.2675, 0.3742
Android (android.graphics.Color)	4285848506 (0xFF74DBBA)
YUV	184.4410, 0.7686, -60.0228
Hunter-Lab	76.1060, -36.0926, 10.0743

Details

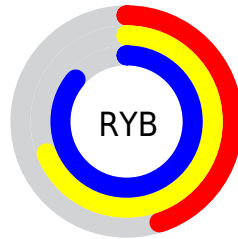
The XYZ color **41.3969, 57.9212, 55.4524** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **40.8856, 29.7223, 32.0181**, and the grayscale version is **45.8212, 48.2075, 52.4980**.

A 20% lighter version of the original color is **69.0206, 86.8150, 97.1236**, and **19.0182, 28.7577, 26.7387** is the 20% darker color. If you saturate the color by 10%, you get **38.0943, 56.3042, 51.4997**, and if you desaturate by 10%, it is **45.4255, 59.9112, 59.6329**.

Distribution



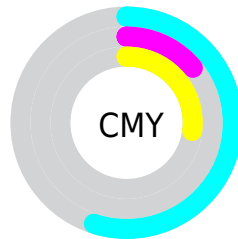
- Red (45%)
- Green (86%)
- Blue (73%)



- Red (45%)
- Yellow (69%)
- Blue (86%)



- Cyan (47%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)





- Cyan (55%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3969, 57.9212, 55.4524 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 41.3969, 57.9212, 55.4524 by changing the saturation by 10% instead.


 41.3969, 57.9212,
55.4524


 41.3969, 57.9212,
55.4524


343.0110,
416.8922, 424.9547


 28.8184, 41.7453,
39.3630


 76.5569, 101.8081,
99.6813

 19.0871, 28.9019,
26.7322

 99.8692, 130.2879,
128.6578

 11.8376, 19.0066,
17.1416


 127.4900,
163.6378, 162.7672

 6.7046, 11.6751,
10.1725

159.7849,
202.2421, 202.4278

 3.3227, 6.5228,
5.4064

197.1190,
246.4854, 248.0584

 1.3266, 3.1655,
2.4247

239.8579,

 0.2030, 1.2187,

296.7519, 300.0774

0.7999

288.3668,
353.4260, 358.9033

■ 0.0000, 0.0769,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.3969, 57.9212,
55.4524

■ 41.3969, 57.9212,
55.4524

■ 38.0943, 56.3042,
51.4997

■ 45.4255, 59.9112,
59.6329

■ 35.4634, 55.0279,
47.7657


■ 50.2201, 62.2903,
64.0418


■ 33.4499, 54.0657,
44.2464


■ 55.8231, 65.0818,
68.6852


■ 31.9883, 53.3840,
40.9359


■ 62.2727, 68.3052,
73.5672


 30.9930, 52.9387,
37.8273


 69.6043, 71.9790,
78.6921

 30.7440, 52.8297,
36.9408

 77.8515, 76.1202,
84.0639

 81.5854, 77.9302,
89.4310

 82.6203, 78.3442,
94.8805

 83.6956, 78.7743,
100.5432

Harmonies

Analogous

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



44.2661, 57.9212, 38.7757



41.3969, 57.9212, 55.4524



41.9110, 57.9212, 78.7758

Triad

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



41.3969, 57.9212, 55.4524



60.2945, 57.9212, 113.7477



65.5438, 57.9212, 35.3774

Complementary

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



41.3969, 57.9212, 55.4524



40.8856, 29.7223, 32.0181

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.



70.6883, 57.9212, 49.5979



41.3969, 57.9212, 55.4524



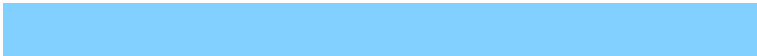
67.4623, 57.9212, 95.8335

Square

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



41.3969, 57.9212, 55.4524



52.3253, 57.9212, 116.3953



71.4222, 57.9212, 71.3472



57.8726, 57.9212, 29.1719

Rectangle

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



41.3969, 57.9212, 55.4524



44.1201, 57.9212, 95.0733



71.4222, 57.9212, 71.3472



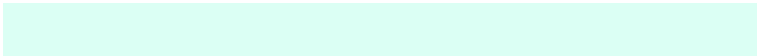
67.6560, 57.9212, 39.1942

Sweetspot

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



41.3985, 57.9235, 55.4537



81.3264, 93.1317, 98.9291



41.1248, 58.4421, 25.6369



17.0012, 19.7313, 20.8589



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.



41.3985, 57.9235, 55.4537



54.0067, 79.5935, 72.9979



41.0719, 50.9925, 74.6983



13.2581, 14.7549, 15.8222



18.2810, 31.3450, 22.1768



1.2230, 2.0461, 1.6402

Inverse Universe

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



40.8856, 29.7223, 32.0181



53.2239, 35.3596, 36.3470



40.7780, 33.1433, 20.7720



13.2271, 13.1199, 14.4572



18.0252, 9.2111, 4.5129



1.2064, 0.6122, 0.4956

Previews

White Background



This preview shows how the XYZ color 41.3969, 57.9212, 55.4524 looks on a white background.

Color Contrast Check

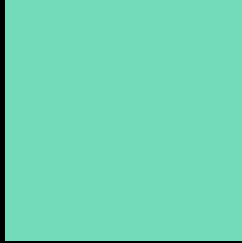
Large Text (above 18pt) WCAG AA × Fail

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 41.3969, 57.9212, 55.4524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

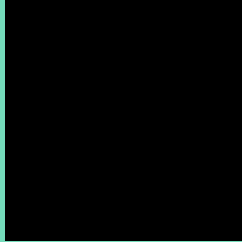
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

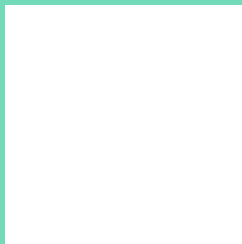
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3969, 57.9212, 55.4524

Background



This preview shows how black text looks on a background with the XYZ color 41.3969, 57.9212, 55.4524.



This preview shows how white text looks on a background with the XYZ color 41.3969, 57.9212,

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

41.3969, 57.9212, 55.4524

Protanopia

53.9444, 56.8932, 48.6958

Deuteranopia

58.1829, 56.8772, 57.7810



Tritanopia

46.9793, 57.8909, 83.5609

Trichromacy



Original Color

41.3969, 57.9212, 55.4524



Protanomaly

47.8872, 56.5112, 51.0317



Deuteranomaly

49.9432, 56.0260, 56.8970



Tritanomaly

44.7502, 57.7410, 72.4049

Monochromacy



Original Color

41.3969, 57.9212, 55.4524



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

43.0213, 50.8062, 53.4381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3969, 57.9212, 55.4524 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(116, 219, 186)` looks like.

```
.text, #text, p{  
    color:rgb(116, 219, 186)  
}
```

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(116, 219, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 219, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.3969, 57.9212, 55.4524 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(116, 219, 186) }
```


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

```
.border{ border-color:rgb(116, 219, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 219, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 219, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 219, 186);  
box-shadow:4px 4px 4px 4px rgb(116, 219,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3969, 57.9212, 55.4524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 219, 186) }
```

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

```
.background{ background-color: rgb(116,  
219, 186) }
```

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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