

Converting Colors

XYZ(41.4630, 58.5119, 56.5771)

Have a look what the booklet for
XYZ(41.4630, 58.5119, 56.5771)
contains.

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Color

**XYZ(41.3524, 58.2620,
56.6431)**

Conversions

Conversions Part 1

Format	Color
Hex	70DCBC
RGB	112, 220, 188
RGB Percent	44%, 86%, 74%
CMY	0.5608, 0.1372, 0.2627
CMYK	0.49, 0.00, 0.15, 0.14
HSL	162°, 61%, 65%
HSV	162°, 49%, 86%
XYZ	41.3524, 58.2620, 56.6431
YIQ	184.0600, -54.0960, -32.8480

Conversions

Conversions Part 2

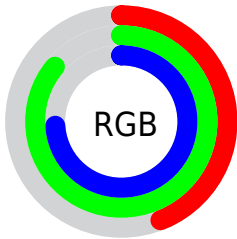
Format	Color
RYB	112, 175, 220
Decimal	7396540
CIELab	80.88, -38.73, 6.19
CIElCh	81, 39.225, 170.920
Yxy	58.2620, 0.2646, 0.3729
Android (android.graphics.Color)	4285586620 (0xFF70DCBC)
YUV	184.0600, 1.9424, -63.1966
Hunter-Lab	76.3295, -36.8723, 9.4324

Details

The XYZ color **41.3524, 58.2620, 56.6431** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **40.3454, 28.8191, 29.8240**, and the grayscale version is **45.6055, 47.9805, 52.2508**.

A 20% lighter version of the original color is **68.6667, 86.5977, 98.6839**, and **19.0139, 29.0040, 27.5179** is the 20% darker color. If you saturate the color by 10%, you get **38.2011, 56.7183, 52.9105**, and if you desaturate by 10%, it is **45.2226, 60.1756, 60.5777**.

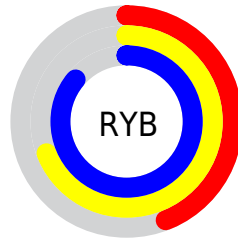
Distribution



Red (44%)

Green (86%)

Blue (74%)



Red (44%)

Yellow (69%)

Blue (86%)

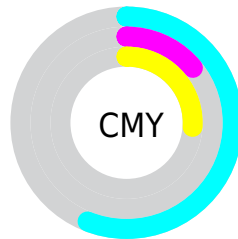


Cyan (49%)

Magenta (0%)

Yellow (15%)

Black (14%)



Cyan (56%)


Magenta (14%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3524, 58.2620, 56.6431 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 41.3524, 58.2620, 56.6431 by changing the saturation by 10% instead.


 41.3524, 58.2620,
56.6431


 41.3524, 58.2620,
56.6431


342.8288,
418.1615, 429.5668


 28.7834, 42.0193,
40.3113


 76.4899, 102.3043,
101.4394

 19.0605, 29.1164,
27.4657


 99.7891, 130.8727,
130.7410

 11.8183, 19.1689,
17.6878


 127.3958,
164.3185, 165.2029

 6.6914, 11.7924,
10.5589

159.6754,
203.0260, 205.2438

 3.3145, 6.6025,
5.6607

196.9931,
247.3796, 251.2820

 1.3222, 3.2148,
2.5744

239.7143,

 0.1997, 1.2449,

297.7639, 303.7363

0.8792

288.2044,
354.5630, 363.0250

■ 0.0000, 0.0979,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.3524, 58.2620,
56.6431

■ 41.3524, 58.2620,
56.6431

■ 38.2011, 56.7183,
52.9105

■ 45.2226, 60.1756,
60.5777

■ 35.7126, 55.5112,
49.3712


■ 49.8526, 62.4757,
64.7144


■ 33.8304, 54.6131,
46.0216


■ 55.2863, 65.1863,
69.0587


■ 32.4859, 53.9886,
42.8563


■ 61.5625, 68.3275,
73.6143


 31.5699, 53.5816,
39.8680

 68.7176, 71.9179,
78.3851

 31.4949, 53.5487,
39.6042

 76.7856, 75.9750,
83.3746

 81.6331, 78.3680,
88.3913

 82.5853, 78.7489,
93.4055

 83.5723, 79.1437,
98.6030

Harmonies

Analogous

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



44.1248, 58.2620, 39.2295



41.3524, 58.2620, 56.6431



42.0420, 58.2620, 80.7702

Triad

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



41.3524, 58.2620, 56.6431



61.1371, 58.2620, 115.0071



65.8073, 58.2620, 34.6855

Complementary

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



41.3524, 58.2620, 56.6431



40.3454, 28.8191, 29.8240

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.



71.2683, 58.2620, 48.7806



41.3524, 58.2620, 56.6431



68.3942, 58.2620, 95.9863

Square

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



41.3524, 58.2620, 56.6431



52.9501, 58.2620, 118.5913



72.2586, 58.2620, 70.7544



57.8755, 58.2620, 28.7494

Rectangle

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



41.3524, 58.2620, 56.6431



44.4023, 58.2620, 97.4430



72.2586, 58.2620, 70.7544



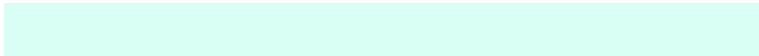
68.0240, 58.2620, 38.4367

Sweetspot

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



41.3540, 58.2643, 56.6444



80.5794, 92.7448, 98.9768



40.0913, 58.3241, 24.4749



16.8599, 19.6574, 20.8984



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.



41.3540, 58.2643, 56.6444



53.2182, 79.1702, 73.7235



39.8878, 49.1855, 75.1043



13.2719, 14.7604, 15.8948



18.5344, 31.4464, 23.5114



1.2379, 2.0521, 1.7188

Inverse Universe

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



40.3454, 28.8191, 29.8240



51.6811, 33.4458, 32.2203



40.9116, 33.3270, 19.6067



13.2140, 13.1147, 14.3882



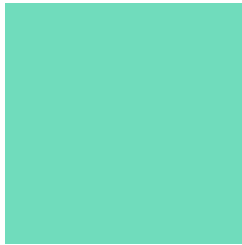
17.9282, 9.1723, 4.0017



1.1988, 0.6092, 0.4558

Previews

White Background



This preview shows how the XYZ color 41.3524, 58.2620, 56.6431 looks on a white background.

Color Contrast Check

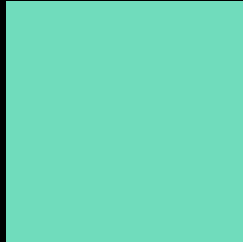
Large Text (above 18pt) WCAG AA × Fail

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 41.3524, 58.2620, 56.6431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

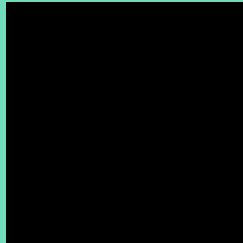
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

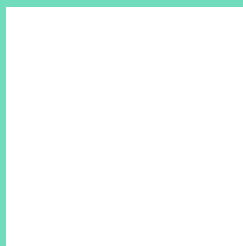
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3524, 58.2620, 56.6431

Background



This preview shows how black text looks on a background with the XYZ color 41.3524, 58.2620, 56.6431.

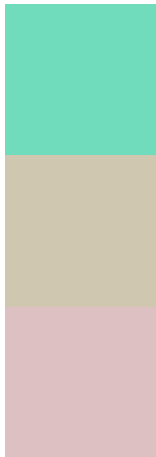


This preview shows how white text looks on a background with the XYZ color 41.3524, 58.2620,

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

41.3524, 58.2620, 56.6431

Protanopia

54.3717, 57.4311, 49.8146

Deuteranopia

58.6264, 57.4071, 59.0297



Tritanopia

46.9278, 58.2226, 84.3660

Trichromacy



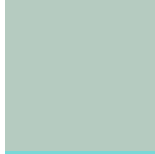
Original Color

41.3524, 58.2620, 56.6431



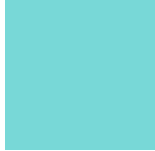
Protanomaly

47.8869, 56.8461, 52.1645



Deuteranomaly

49.9264, 56.3414, 58.1127



Tritanomaly

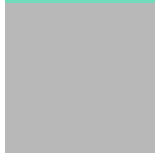
44.5673, 58.0111, 73.1383

Monochromacy



Original Color

41.3524, 58.2620, 56.6431



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

42.8238, 50.7044, 53.4288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3524, 58.2620, 56.6431 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(112, 220, 188)` looks like.

```
.text, #text, p{  
    color:rgb(112, 220, 188)  
}
```

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(112, 220, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 220, 188) }
```

Border

The CSS property to change the border of an element to XYZ 41.3524, 58.2620, 56.6431 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(112, 220, 188) }
```


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

```
.border{ border-color:rgb(112, 220, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 220, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 220, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 220, 188); box-shadow:4px 4px 4px 4px rgb(112, 220, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3524, 58.2620, 56.6431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 220, 188) }
```

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

```
.background{ background-color: rgb(112,  
220, 188) }
```

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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