

Converting Colors

XYZ(41.2845, 55.0306, 63.6722)

Have a look what the booklet for
XYZ(41.2845, 55.0306, 63.6722)
contains.

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Color

**XYZ(41.2886, 55.0170,
63.7016)**

Conversions

Conversions Part 1	
Format	Color
Hex	74D4C9
RGB	116, 212, 201
RGB Percent	45%, 83%, 79%
CMY	0.5451, 0.1686, 0.2118
CMYK	0.45, 0.00, 0.05, 0.17
HSL	173°, 53%, 64%
HSV	173°, 45%, 83%
XYZ	41.2886, 55.0170, 63.7016
YIQ	182.0420, -53.6850, -23.7730

Conversions

Conversions Part 2

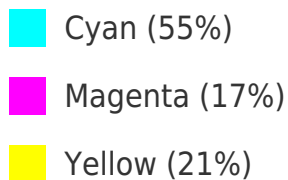
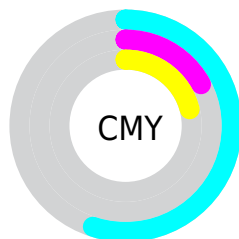
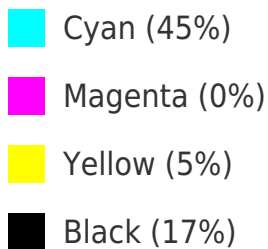
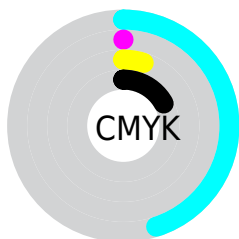
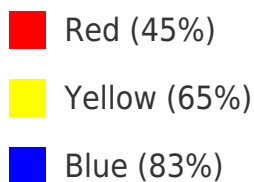
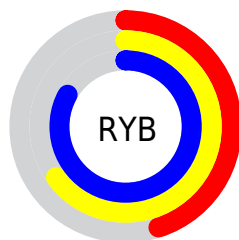
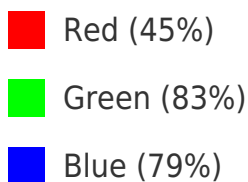
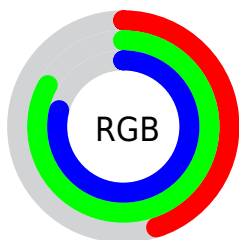
Format	Color
RYB	116, 167, 212
Decimal	7656649
CIELab	79.05, -31.03, -3.39
CIELCh	79, 31.212, 186.239
Yxy	55.0170, 0.2580, 0.3438
Android (android.graphics.Color)	4285846729 (0xFF74D4C9)
YUV	182.0420, 9.3463, -57.9188
Hunter-Lab	74.1734, -30.4416, 1.0020

Details

The XYZ color **41.2886, 55.0170, 63.7016** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.2294, 28.0218, 23.5273**, and the grayscale version is **44.4593, 46.7747, 50.9376**.

A 20% lighter version of the original color is **71.0436, 87.6242, 107.7765**, and **19.0108, 27.0904, 31.8308** is the 20% darker color. If you saturate the color by 10%, you get **38.5025, 53.6148, 62.0920**, and if you desaturate by 10%, it is **44.7254, 56.7568, 65.3676**.

Distribution





Brightness & Saturation

Gradients


These gradients show how the XYZ color 41.2886, 55.0170, 63.7016 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 41.2886, 55.0170, 63.7016 by changing the saturation by 10% instead.


 41.2886, 55.0170,
63.7016


 41.2886, 55.0170,
63.7016


342.5674,
405.9764, 456.2891


 28.7333, 39.4153,
45.9644


 76.3937, 97.5659,
111.7764

 19.0224, 27.0830,
31.8693


 99.6743, 125.2818,
142.9511

 11.7906, 17.6356,
20.9977


 127.2607,
157.8047, 179.4420

 6.6724, 10.6887,
12.9311

159.5183,
195.5189, 221.6677

 3.3026, 5.8579,
7.2509

196.8124,
238.8088, 270.0467

 1.3157, 2.7589,
3.5387


239.5084,


 0.1949, 1.0072,


288.0587, 324.9976


1.3759


287.9716,
343.6531, 386.9389


 0.0000, 0.0000,
0.1228


 0.0000, 0.0000,
0.0000


 41.2886, 55.0170,
63.7016


 41.2886, 55.0170,
63.7016


 38.5025, 53.6148,
62.0920


 44.7254, 56.7568,
65.3676


 36.3180, 52.5209,
60.5329


 48.8484, 58.8485,
67.0883

 34.6867, 51.7117,
59.0231


 53.6960, 61.3131,
68.8667


 33.5507, 51.1573,
57.5597


 59.3024, 64.1685,
70.7045


 32.8390, 50.8211,
56.1393


 65.6997, 67.4310,
72.6033

 32.5899, 50.7070,
55.4813

 72.9181, 71.1163,
74.5647

 77.4405, 73.4112,
76.4242

 77.7609, 73.5393,
78.1114

 78.0859, 73.6694,
79.8232

Harmonies

Analogous

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



42.0988, 55.0170, 47.1446



41.2886, 55.0170, 63.7016



43.2329, 55.0170, 82.5016

Triad

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



41.2886, 55.0170, 63.7016



59.6800, 55.0170, 91.9682



57.2567, 55.0170, 33.7213

Complementary

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



41.2886, 55.0170, 63.7016



37.2294, 28.0218, 23.5273

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.



62.5357, 55.0170, 41.8629



41.2886, 55.0170, 63.7016



64.0106, 55.0170, 74.7803

Square

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



41.2886, 55.0170, 63.7016



53.6017, 55.0170, 100.7771



65.0949, 55.0170, 56.2607



51.0038, 55.0170, 31.9148

Rectangle

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



41.2886, 55.0170, 63.7016



45.9276, 55.0170, 93.1031



65.0949, 55.0170, 56.2607



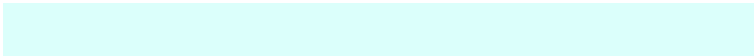
59.2187, 55.0170, 35.7165

Sweetspot

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



41.2902, 55.0192, 63.7029



82.4619, 93.5859, 104.9090



35.4798, 52.8775, 24.8607



17.2799, 19.8428, 22.3267



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.



41.2902, 55.0192, 63.7029



58.7489, 81.5677, 94.4788



34.4568, 39.2063, 68.0412



12.7280, 14.0822, 15.6483



20.1425, 31.3123, 34.3755



1.2327, 1.8957, 2.1671

Inverse Universe

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



37.2294, 28.0218, 23.5273



51.8755, 35.7483, 26.3856



41.6642, 37.9770, 21.6586



12.4806, 12.4437, 13.2049



16.8845, 8.6901, 1.4298



1.0382, 0.5321, 0.1906

Previews

White Background



This preview shows how the XYZ color 41.2886, 55.0170, 63.7016 looks on a white background.

Color Contrast Check

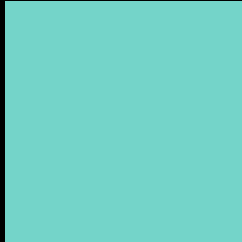
Large Text (above 18pt) WCAG AA × Fail

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 41.2886, 55.0170, 63.7016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

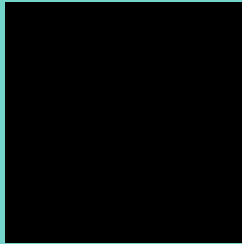
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

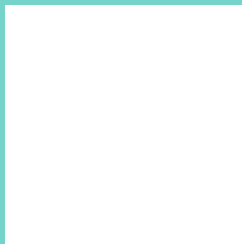
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2886, 55.0170, 63.7016

Background



This preview shows how black text looks on a background with the XYZ color 41.2886, 55.0170, 63.7016.

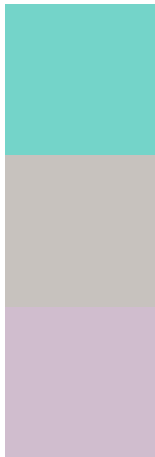


This preview shows how white text looks on a background with the XYZ color 41.2886, 55.0170,

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

41.2886, 55.0170, 63.7016

Protanopia

52.1392, 54.4434, 56.4758

Deuteranopia

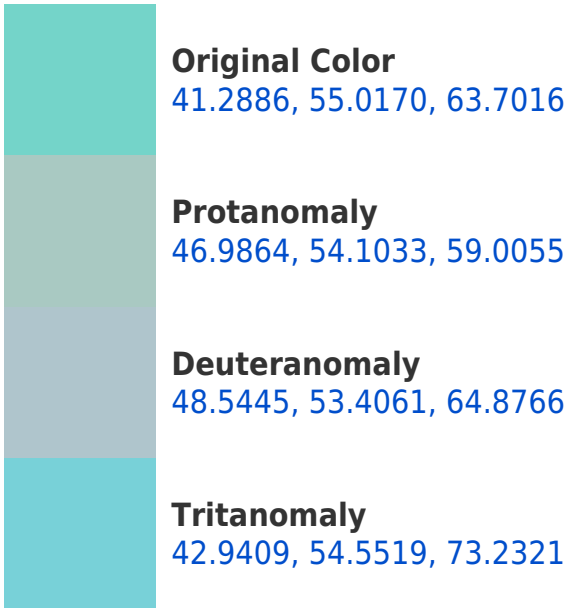
55.3506, 54.2613, 65.9487



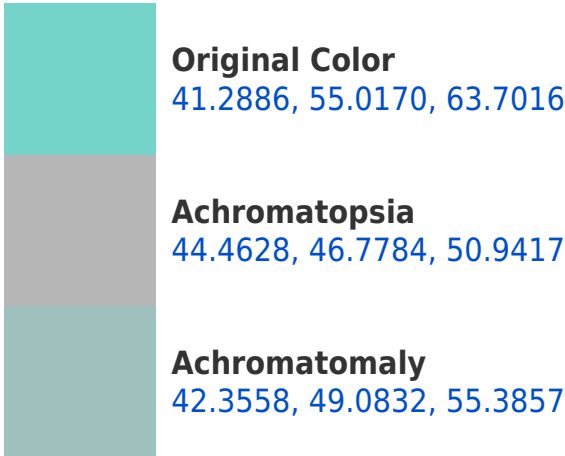
Tritanopia

44.3149, 54.7589, 79.4681

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2886, 55.0170, 63.7016 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, 212, 201)` looks like.

```
.text, #text, p{  
    color:rgb(116, 212, 201)  
}
```

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, 212, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 212, 201) }
```

Border

The CSS property to change the border of an element to XYZ 41.2886, 55.0170, 63.7016 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, 212, 201) }
```


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

```
.border{ border-color:rgb(116, 212, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 212, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 212, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 212, 201);  
box-shadow:4px 4px 4px 4px rgb(116, 212,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2886, 55.0170, 63.7016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 212, 201) }
```

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

```
.background{ background-color: rgb(116,  
212, 201) }
```

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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