

Converting Colors

XYZ(41.5129, 60.5542, 54.3307)

Have a look what the booklet for
XYZ(41.5129, 60.5542, 54.3307)
contains.

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Color

**XYZ(41.4163, 60.3335,
54.2624)**

Conversions

Conversions Part 1

Format	Color
Hex	6AE1B7
RGB	106, 225, 183
RGB Percent	42%, 88%, 72%
CMY	0.5843, 0.1176, 0.2823
CMYK	0.53, 0.00, 0.19, 0.12
HSL	159°, 66%, 65%
HSV	159°, 53%, 88%
XYZ	41.4163, 60.3335, 54.2624
YIQ	184.6310, -57.4420, -38.2900

Conversions

Conversions Part 2

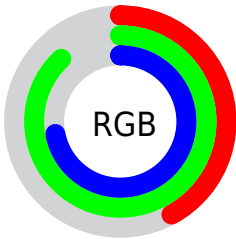
Format	Color
RYB	106, 178, 225
Decimal	7004599
CIELab	82.02, -43.43, 10.43
CIELCh	82, 44.666, 166.493
Yxy	60.3335, 0.2655, 0.3867
Android (android.graphics.Color)	4285194679 (0xFF6AE1B7)
YUV	184.6310, -0.8041, -68.9594
Hunter-Lab	77.6746, -40.7540, 12.9531

Details

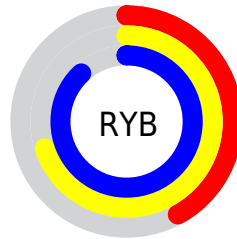
The XYZ color **41.4163, 60.3335, 54.2624** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **41.5527, 28.4552, 31.3215**, and the grayscale version is **45.9377, 48.3300, 52.6314**.

A 20% lighter version of the original color is **66.8570, 85.7513, 94.6893**, and **19.0923, 30.4388, 25.9881** is the 20% darker color. If you saturate the color by 10%, you get **38.2819, 58.8120, 49.9226**, and if you desaturate by 10%, it is **45.3021, 62.2400, 58.8835**.

Distribution



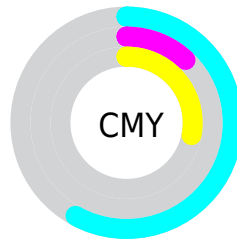
- Red (42%)
- Green (88%)
- Blue (72%)



- Red (42%)
- Yellow (70%)
- Blue (88%)



- Cyan (53%)
- Magenta (0%)
- Yellow (19%)
- Black (12%)





- Cyan (58%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4163, 60.3335, 54.2624 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 41.4163, 60.3335, 54.2624 by changing the saturation by 10% instead.


 41.4163, 60.3335,
54.2624


 41.4163, 60.3335,
54.2624


343.0905,
425.8260, 420.3127


 28.8336, 43.6875,
38.4169


 76.5862, 105.3133,
97.9197

 19.0986, 30.4249,
26.0021


 99.9041, 134.4159,
126.5686

 11.8460, 20.1613,
16.5994


 127.5311,
168.4395, 160.3223

 6.7104, 12.5124,
9.7904

159.8326,
207.7684, 199.5994

 3.3263, 7.0936,
5.1564

197.1739,
252.7872, 244.8185

 1.3286, 3.5207,
2.2790

239.9205,

 0.2045, 1.4093,

303.8801, 296.3980

0.7194

288.4375,
361.4315, 354.7566

■ 0.0000, 0.2235,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.4163, 60.3335,
54.2624

■ 41.4163, 60.3335,
54.2624

■ 38.2819, 58.8120,
49.9226

■ 45.3021, 62.2400,
58.8835

■ 35.8369, 57.6392,
45.8534


■ 49.9850, 64.5505,
63.7880


■ 34.0176, 56.7836,
42.0488


■ 55.5129, 67.2909,
68.9832


■ 32.7450, 56.2048,
38.5012


■ 61.9285, 70.4834,
74.4748


 32.0825, 55.9151,
36.1279

 69.2713, 74.1481,
80.2684

 77.5785, 78.3042,
86.3691

 83.6863, 81.3206,
92.6325

 84.8831, 81.7993,
98.9351

 86.1322, 82.2989,
105.5124

Harmonies

Analogous

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



45.1396, 60.3335, 35.9624



41.4163, 60.3335, 54.2624



41.6140, 60.3335, 81.6176

Triad

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



41.4163, 60.3335, 54.2624



62.6650, 60.3335, 129.3640



70.7998, 60.3335, 34.6935

Complementary

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



41.4163, 60.3335, 54.2624



41.5527, 28.4552, 31.3215

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.



76.6120, 60.3335, 51.9874



41.4163, 60.3335, 54.2624



71.5737, 60.3335, 108.4732

Square

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



41.4163, 60.3335, 54.2624



53.2012, 60.3335, 130.4706



76.9098, 60.3335, 78.6255



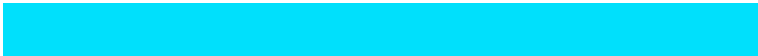
61.6990, 60.3335, 26.9467

Rectangle

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



41.4163, 60.3335, 54.2624



43.9311, 60.3335, 101.7949



76.9098, 60.3335, 78.6255



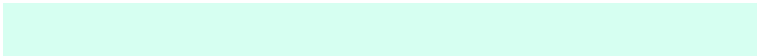
73.2447, 60.3335, 39.3294

Sweetspot

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



41.4180, 60.3359, 54.2638



79.3674, 92.1732, 96.5138



42.0389, 61.3429, 23.2612



16.6060, 19.5388, 20.3330



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.



41.4180, 60.3359, 54.2638



50.6395, 78.0092, 65.9945



42.3695, 54.1691, 79.4596



13.9004, 15.4859, 16.5108



18.5441, 32.2425, 21.1201



1.3274, 2.2517, 1.6852

Inverse Universe

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



41.5527, 28.4552, 31.3215



50.8641, 31.5639, 32.7121



40.5978, 30.9360, 17.4681



13.9060, 13.7800, 15.2754



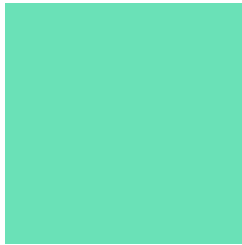
18.7655, 9.5732, 5.4310



1.3422, 0.6802, 0.5950

Previews

White Background



This preview shows how the XYZ color 41.4163, 60.3335, 54.2624 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 41.4163, 60.3335, 54.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

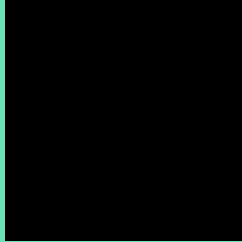
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

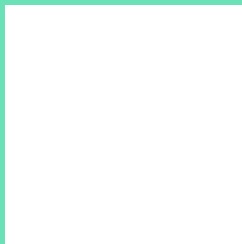
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.4163, 60.3335, 54.2624

Background



This preview shows how black text looks on a background with the XYZ color 41.4163, 60.3335, 54.2624.



This preview shows how white text looks on a background with the XYZ color 41.4163, 60.3335,

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

41.4163, 60.3335, 54.2624

Protanopia

55.9118, 59.3275, 47.0326

Deuteranopia

60.6038, 59.4849, 56.4317



Tritanopia

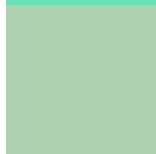
48.0928, 60.2785, 87.6974

Trichromacy



Original Color

41.4163, 60.3335, 54.2624



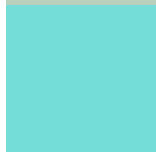
Protanomaly

48.2400, 58.1870, 49.2461



Deuteranomaly

50.8109, 58.2808, 55.5850



Tritanomaly

45.4536, 60.3838, 74.2253

Monochromacy



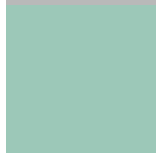
Original Color

41.4163, 60.3335, 54.2624



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

43.0163, 51.8372, 53.0858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4163, 60.3335, 54.2624 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(106, 225, 183)` looks like.

```
.text, #text, p{  
    color:rgb(106, 225, 183)  
}
```

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(106, 225, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 225, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.4163, 60.3335, 54.2624 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(106, 225, 183) }
```


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

```
.border{ border-color:rgb(106, 225, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 225, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 225, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 225, 183); box-shadow:4px 4px 4px 4px rgb(106, 225, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4163, 60.3335, 54.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 225, 183) }
```

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

```
.background{ background-color: rgb(106,  
225, 183) }
```

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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