

Converting Colors

XYZ(41.6065, 67.2385, 51.8597)

Have a look what the booklet for
XYZ(41.6065, 67.2385, 51.8597)
contains.

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Color

**XYZ(41.6065, 67.2385,
51.8597)**

Conversions

Conversions Part 1

Format	Color
Hex	43F1B0
RGB	67, 241, 176
RGB Percent	26%, 95%, 69%
CMY	0.7372, 0.0549, 0.3098
CMYK	0.72, 0.00, 0.27, 0.05
HSL	158°, 86%, 60%
HSV	158°, 72%, 95%
XYZ	41.6065, 67.2385, 51.8597
YIQ	181.5640, -82.8390, -57.1030

Conversions

Conversions Part 2

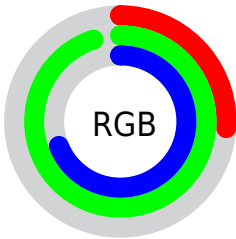
Format	Color
RYB	67, 174, 241
Decimal	4452784
CIELab	85.62, -58.39, 19.02
CIELCh	86, 61.412, 161.954
Yxy	67.2385, 0.2589, 0.4184
Android (android.graphics.Color)	4282642864 (0xFF43F1B0)
YUV	181.5640, -2.7431, -100.4726
Hunter-Lab	81.9991, -52.9271, 19.9018

Details

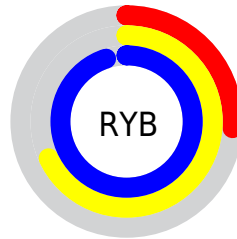
The XYZ color **41.6065, 67.2385, 51.8597** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **42.4499, 24.3826, 24.3014**, and the grayscale version is **44.2749, 46.5806, 50.7263**.

A 20% lighter version of the original color is **60.6420, 82.6646, 89.1036**, and **20.7156, 35.7110, 24.5400** is the 20% darker color. If you saturate the color by 10%, you get **39.4237, 66.2145, 47.2615**, and if you desaturate by 10%, it is **44.5389, 68.6456, 56.8045**.

Distribution



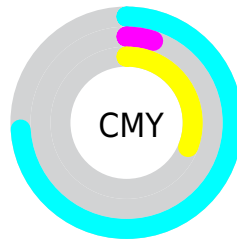
- Red (26%)
- Green (95%)
- Blue (69%)



- Red (26%)
- Yellow (68%)
- Blue (95%)



- Cyan (72%)
- Magenta (0%)
- Yellow (27%)
- Black (5%)





- Cyan (74%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6065, 67.2385, 51.8597 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 41.6065, 67.2385, 51.8597 by changing the saturation by 10% instead.


 41.6065, 67.2385,
51.8597


 41.6065, 67.2385,
51.8597


343.8686,
450.7932, 410.8363


 28.9831, 49.2785,
36.5118


 76.8726, 115.2621,
94.3488


 19.2122, 34.8404,
24.5369


 100.2460,
146.0944, 122.3270

 11.9286, 23.5400,
15.5165


 127.9335,
181.9864, 155.3524

 6.7670, 14.9927,
9.0320

 160.3003,
223.3222, 193.8436

 3.3618, 8.8143,
4.6650

197.7119,
270.4865, 238.2190

 1.3479, 4.6202,
1.9968

240.5335,

 0.2186, 2.0262,

323.8635, 288.8972

0.5533

289.1306,
383.8376, 346.2968

■ 0.0000, 0.6226,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.6065, 67.2385,
51.8597

■ 41.6065, 67.2385,
51.8597

■ 39.4237, 66.2145,
47.2615

■ 44.5389, 68.6456,
56.8045


■ 37.8924, 65.5180,
42.9948


■ 48.2925, 70.4673,
62.1004


■ 37.0400, 65.1464,
39.8879

■ 52.9362, 72.7408,
67.7579

■ 58.5299, 75.4968,
73.7852

 65.1281, 78.7634,
80.1901

 72.7810, 82.5663,
86.9803

 81.5356, 86.9295,
94.1629

 89.6443, 90.9521,
101.6613

 90.7465, 91.3930,
107.4655

Harmonies

Analogous

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



47.5701, 67.2385, 29.5881



41.6065, 67.2385, 51.8597



41.0536, 67.2385, 90.3414

Triad

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



41.6065, 67.2385, 51.8597



69.6388, 67.2385, 177.2977



86.0545, 67.2385, 32.8644

Complementary

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



41.6065, 67.2385, 51.8597



42.4499, 24.3826, 24.3014

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.



93.9763, 67.2385, 58.3962



41.6065, 67.2385, 51.8597



83.6148, 67.2385, 146.6792

Square

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



41.6065, 67.2385, 51.8597



55.9378, 67.2385, 173.5064



93.0234, 67.2385, 99.7414



72.6018, 67.2385, 21.7001

Rectangle

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



41.6065, 67.2385, 51.8597



43.7071, 67.2385, 121.9767



93.0234, 67.2385, 99.7414



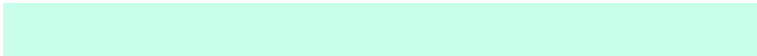
89.5351, 67.2385, 39.5603

Sweetspot

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



41.6083, 67.2412, 51.8613



74.1440, 89.5914, 91.2588



42.2543, 68.3624, 16.2793



15.4074, 18.9469, 19.0997



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.



41.6083, 67.2412, 51.8613



43.8501, 74.8291, 51.2234



43.9713, 59.1015, 92.3125



15.9824, 17.8230, 18.9301



20.1527, 35.3531, 21.9847



1.7245, 2.9602, 2.0817

Inverse Universe

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



42.4499, 24.3826, 24.3014



44.9421, 23.6177, 18.7215



40.7233, 25.9727, 8.1779



16.0170, 15.8565, 17.6458



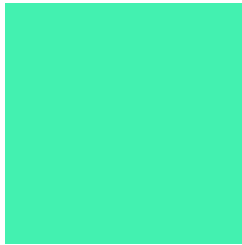
20.7329, 10.5656, 6.5102



1.7714, 0.8976, 0.7873

Previews

White Background



This preview shows how the XYZ color 41.6065, 67.2385, 51.8597 looks on a white background.

Color Contrast Check

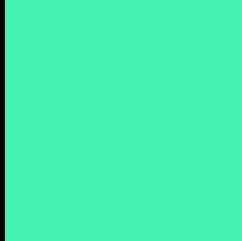
Large Text (above 18pt) WCAG AA × Fail

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 41.6065, 67.2385, 51.8597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

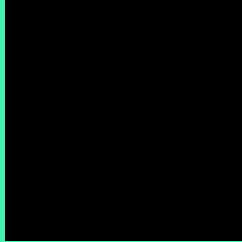
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

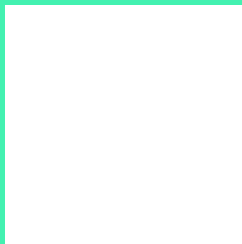
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6065, 67.2385, 51.8597

Background



This preview shows how black text looks on a background with the XYZ color 41.6065, 67.2385, 51.8597.

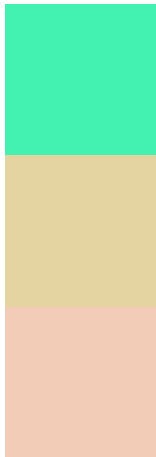


This preview shows how white text looks on a background with the XYZ color 41.6065, 67.2385,

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

41.6065, 67.2385, 51.8597

Protanopia

61.7436, 66.0265, 43.6726

Deuteranopia

67.2067, 65.7011, 54.4868



Tritanopia

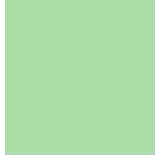
51.0868, 66.7633, 100.6365

Trichromacy



Original Color

41.6065, 67.2385, 51.8597



Protanomaly

49.7249, 64.0004, 46.2917



Deuteranomaly

51.7437, 62.5456, 53.0614



Tritanomaly

47.0521, 66.8191, 80.2295

Monochromacy



Original Color

41.6065, 67.2385, 51.8597



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

40.4094, 51.5826, 51.0067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6065, 67.2385, 51.8597 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(67, 241, 176)` looks like.

```
.text, #text, p{  
    color:rgb(67, 241, 176)  
}
```

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(67, 241, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 241, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.6065, 67.2385, 51.8597 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(67, 241, 176) }
```


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

```
.border{ border-color:rgb(67, 241, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 241, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 241, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 241, 176);  
box-shadow:4px 4px 4px 4px rgb(67, 241,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6065, 67.2385, 51.8597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 241, 176) }
```

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

```
.background{ background-color: rgb(67, 241,  
176) }
```

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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