

Converting Colors

XYZ(41.3769, 65.7460, 56.2238)

Have a look what the booklet for
XYZ(41.3769, 65.7460, 56.2238)
contains.

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Color

**XYZ(41.3814, 65.7086,
56.4009)**

Conversions

Conversions Part 1

Format	Color
Hex	3FEEB9
RGB	63, 238, 185
RGB Percent	25%, 93%, 73%
CMY	0.7529, 0.0667, 0.2745
CMYK	0.74, 0.00, 0.22, 0.07
HSL	162°, 84%, 59%
HSV	162°, 74%, 93%
XYZ	41.3814, 65.7086, 56.4009
YIQ	179.6330, -87.2870, -53.5830

Conversions

Conversions Part 2

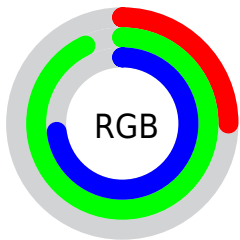
Format	Color
RYB	63, 166, 238
Decimal	4189881
CIELab	84.85, -55.73, 13.25
CIELCh	85, 57.283, 166.623
Yxy	65.7086, 0.2531, 0.4019
Android (android.graphics.Color)	4282379961 (0xFF3FEEB9)
YUV	179.6330, 2.6459, -102.2871
Hunter-Lab	81.0608, -50.7326, 15.4895

Details

The XYZ color **41.3814, 65.7086, 56.4009** 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 **40.1920, 22.9948, 18.8459**, and the grayscale version is **43.2075, 45.4577, 49.5034**.

A 20% lighter version of the original color is **61.4687, 82.9392, 95.9882**, and **20.6887, 34.7137, 27.4398** is the 20% darker color. If you saturate the color by 10%, you get **39.4354, 64.7928, 52.4386**, and if you desaturate by 10%, it is **44.0260, 66.9834, 60.6002**.

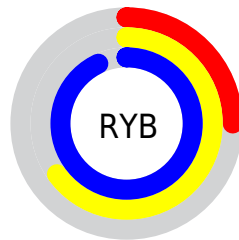
Distribution



Red (25%)

Green (93%)

Blue (73%)



Red (25%)

Yellow (65%)

Blue (93%)

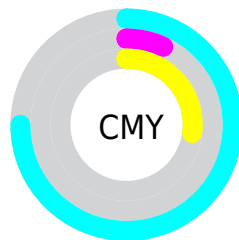


Cyan (74%)

Magenta (0%)

Yellow (22%)

Black (7%)



Cyan (75%)


Magenta (7%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3814, 65.7086, 56.4009 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 41.3814, 65.7086, 56.4009 by changing the saturation by 10% instead.


 41.3814, 65.7086,
56.4009


 41.3814, 65.7086,
56.4009


342.9476,
445.3340, 428.6313


 28.8062, 48.0359,
40.1183


 76.5336, 113.0680,
101.0821


 19.0778, 33.8553,
27.3163


 99.8413, 143.5235,
130.3178

 11.8309, 22.7825,
17.5764


 127.4572,
179.0086, 164.7083

 6.7000, 14.4330,
10.4800

 159.7467,
219.9079, 204.6721

 3.3198, 8.4224,
5.6086

197.0752,
266.6057, 250.6278

 1.3251, 4.3664,
2.5437

239.8079,

 0.2019, 1.8806,

319.4864, 302.9938

0.8632

288.3102,
378.9344, 362.1888

■ 0.0000, 0.5367,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.3814, 65.7086,
56.4009

■ 41.3814, 65.7086,
56.4009

■ 39.4354, 64.7928,
52.4386

■ 44.0260, 66.9834,
60.6002


■ 38.0905, 64.1808,
48.7015


■ 47.4395, 68.6485,
65.0384


■ 37.4511, 63.9015,
46.3976


■ 51.6894, 70.7401,
69.7229


■ 56.8340, 73.2883,
74.6592

 62.9264, 76.3204,
79.8525

 70.0152, 79.8614,
85.3077

 78.1460, 83.9348,
91.0297

 87.3612, 88.5622,
97.0229

 89.0519, 89.3058,
102.8870

Harmonies

Analogous

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



46.1719, 65.7086, 33.1405



41.3814, 65.7086, 56.4009



41.6571, 65.7086, 93.7403

Triad

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



41.3814, 65.7086, 56.4009



69.7869, 65.7086, 162.9422



80.9925, 65.7086, 31.4738

Complementary

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



41.3814, 65.7086, 56.4009



40.1920, 22.9948, 18.8459

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.



89.2259, 65.7086, 53.1635



41.3814, 65.7086, 56.4009



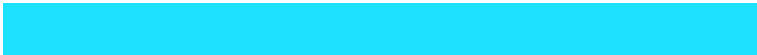
82.1741, 65.7086, 131.9274

Square

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



41.3814, 65.7086, 56.4009



56.9140, 65.7086, 164.7432



89.6858, 65.7086, 89.1840



68.3424, 65.7086, 22.4456

Rectangle

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



41.3814, 65.7086, 56.4009



44.6599, 65.7086, 122.5615



89.6858, 65.7086, 89.1840



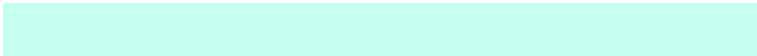
84.4398, 65.7086, 37.1099

Sweetspot

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



41.3832, 65.7112, 56.4024



74.7206, 89.8220, 94.2949



39.0019, 65.3915, 15.2699



15.5442, 19.0016, 19.8201



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.



41.3832, 65.7112, 56.4024



45.2865, 75.3945, 59.1991



39.5359, 51.3350, 88.7168



16.0316, 17.8427, 19.1892



20.9533, 35.6733, 26.2007



1.7870, 2.9853, 2.4109

Inverse Universe

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



40.1920, 22.9948, 18.8459



43.9510, 23.1118, 13.8402



40.2589, 26.7374, 7.7427



15.9699, 15.8377, 17.3975



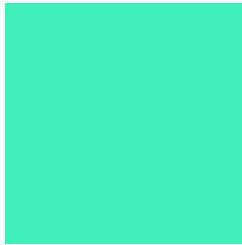
20.3757, 10.4227, 4.6291



1.7376, 0.8841, 0.6090

Previews

White Background



This preview shows how the XYZ color 41.3814, 65.7086, 56.4009 looks on a white background.

Color Contrast Check

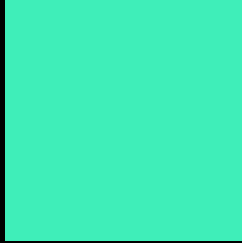
Large Text (above 18pt) WCAG AA × Fail

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 41.3814, 65.7086, 56.4009 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

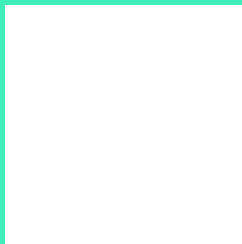
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3814, 65.7086, 56.4009

Background



This preview shows how black text looks on a background with the XYZ color 41.3814, 65.7086, 56.4009.



This preview shows how white text looks on a background with the XYZ color 41.3814, 65.7086,

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

41.3814, 65.7086, 56.4009

Protanopia

60.5215, 64.5631, 47.8002

Deuteranopia

65.9066, 64.5667, 59.4410



Tritanopia

49.8562, 65.7506, 98.8704

Trichromacy



Original Color

41.3814, 65.7086, 56.4009



Protanomaly

48.7395, 62.2135, 50.5139



Deuteranomaly

51.3057, 61.8281, 57.9451



Tritanomaly

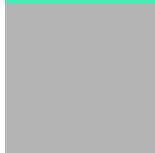
46.2968, 65.5531, 81.4471

Monochromacy



Original Color

41.3814, 65.7086, 56.4009



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

39.6467, 50.4691, 51.9079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3814, 65.7086, 56.4009 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(63, 238, 185)` looks like.

```
.text, #text, p{  
    color:rgb(63, 238, 185)  
}
```

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(63, 238, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 238, 185) }
```

Border

The CSS property to change the border of an element to XYZ 41.3814, 65.7086, 56.4009 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(63, 238, 185) }
```


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

```
.border{ border-color:rgb(63, 238, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 238, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 238, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 238, 185);  
box-shadow:4px 4px 4px 4px rgb(63, 238,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3814, 65.7086, 56.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 238, 185) }
```

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

```
.background{ background-color: rgb(63, 238,  
185) }
```

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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