

Converting Colors

XYZ(43.4706, 54.1781, 86.0082)

Have a look what the booklet for
XYZ(43.4706, 54.1781, 86.0082)
contains.

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Color

**XYZ(43.4706, 54.1781,
86.0082)**

Conversions

Conversions Part 1

Format	Color
Hex	6BD0EA
RGB	107, 208, 234
RGB Percent	42%, 82%, 92%
CMY	0.5804, 0.1843, 0.0823
CMYK	0.54, 0.11, 0.00, 0.08
HSL	192°, 75%, 67%
HSV	192°, 54%, 92%
XYZ	43.4706, 54.1781, 86.0082
YIQ	180.7650, -68.5420, -13.3260

Conversions

Conversions Part 2

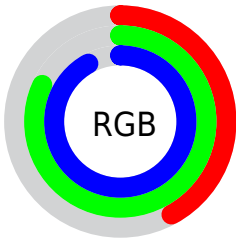
Format	Color
RYB	107, 163, 234
Decimal	7065834
CIELab	78.57, -22.38, -21.84
CIElCh	79, 31.266, 224.298
Yxy	54.1781, 0.2367, 0.2950
Android (android.graphics.Color)	4285255914 (0xFF6BD0EA)
YUV	180.7650, 26.2449, -64.6919
Hunter-Lab	73.6058, -23.3904, -17.7562

Details

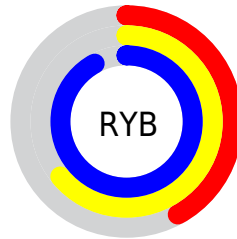
The XYZ color **43.4706, 54.1781, 86.0082** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **44.9744, 35.3306, 18.3607**, and the grayscale version is **43.6851, 45.9601, 50.0506**.

A 20% lighter version of the original color is **69.7463, 86.9555, 107.7158**, and **20.2264, 26.4089, 46.1509** is the 20% darker color. If you saturate the color by 10%, you get **39.8787, 50.6198, 85.5117**, and if you desaturate by 10%, it is **47.8623, 58.2034, 86.5547**.

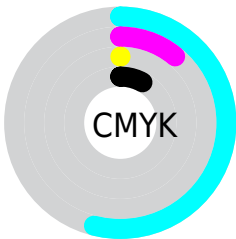
Distribution



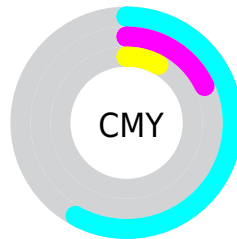
- Red (42%)
- Green (82%)
- Blue (92%)



- Red (42%)
- Yellow (64%)
- Blue (92%)



- Cyan (54%)
- Magenta (11%)
- Yellow (0%)
- Black (8%)





- Cyan (58%)
- Magenta (18%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4706, 54.1781, 86.0082 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 43.4706, 54.1781, 86.0082 by changing the saturation by 10% instead.


 43.4706, 54.1781,
86.0082


 43.4706, 54.1781,
86.0082


351.4323,
402.7888, 535.1896


 30.4506, 38.7441,
64.1198


 79.6718, 96.3357,
143.6676

 20.3307, 26.5607,
46.3009


 103.5838,
123.8280, 180.2757

 12.7453, 17.2436,
32.1330


 131.8572,
156.1086, 222.6274

 7.3292, 10.4083,
21.1974

164.8573,
193.5618, 271.1413

 3.7170, 5.6705,
13.0757

202.9495,
236.5721, 326.2359

 1.5433, 2.6458,
7.3494

246.4992,

 0.3550, 0.9497,

285.5237, 388.3298

3.5998

295.8717,
340.8011, 457.8415

■ 0.0000, 0.0000,
1.4085

■ 0.0000, 0.0000,
0.1483

■ 43.4706, 54.1781,
86.0082

■ 43.4706, 54.1781,
86.0082

■ 39.8787, 50.6198,
85.5117

■ 47.8623, 58.2034,
86.5547

■ 37.0182, 47.4893,
85.0582

■ 53.1048, 62.7190,
87.1500

■ 34.8175, 44.7503,
84.6455

■ 59.2509, 67.7537,
87.7978

■ 33.1871, 42.3564,
84.2694

■ 66.3475, 73.3321,
88.5005

■ 32.4309, 41.0994,
84.0666

■ 74.4381, 79.4771,
89.2602

■ 83.5636, 86.2101,
90.0789

■ 87.7057, 90.4291,
90.6749

■ 89.1467, 93.3110,
91.1552

■ 90.6252, 96.2680,
91.6480

Harmonies

Analogous

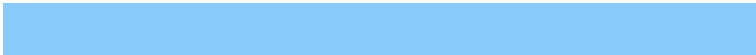
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.8442, 54.1781, 67.7753



43.4706, 54.1781, 86.0082



48.3538, 54.1781, 98.0640

Triad

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



43.4706, 54.1781, 86.0082



63.7655, 54.1781, 68.6601



48.6232, 54.1781, 31.8373

Complementary

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



43.4706, 54.1781, 86.0082



44.9744, 35.3306, 18.3607

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.



54.7687, 54.1781, 31.9802



43.4706, 54.1781, 86.0082



63.8522, 54.1781, 51.0000

Square

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



43.4706, 54.1781, 86.0082



60.2218, 54.1781, 86.7664



60.4499, 54.1781, 38.3218



43.6542, 54.1781, 37.8825

Rectangle

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



43.4706, 54.1781, 86.0082



52.3879, 54.1781, 99.7164



60.4499, 54.1781, 38.3218



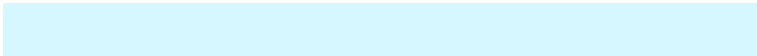
50.6117, 54.1781, 31.2079

Sweetspot

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



43.4723, 54.1801, 86.0095



78.9930, 87.8524, 107.4016



39.6800, 63.6497, 32.1698



16.5147, 18.4975, 22.9499



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.



43.4723, 54.1801, 86.0095



48.0683, 61.1051, 103.8687



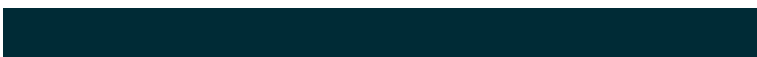
31.0571, 29.3496, 81.8711



15.2406, 16.5677, 19.3169



18.3168, 23.2805, 47.2712



1.5043, 1.9600, 3.7339

Inverse Universe

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



50.5760, 32.5636, 63.2964



57.8934, 33.6705, 71.9020



56.3043, 57.9904, 22.1374



15.5750, 15.2579, 18.3133



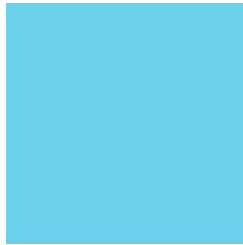
24.1008, 11.8430, 27.3956



1.9258, 0.9433, 2.3266

Previews

White Background



This preview shows how the XYZ color 43.4706, 54.1781, 86.0082 looks on a white background.

Color Contrast Check

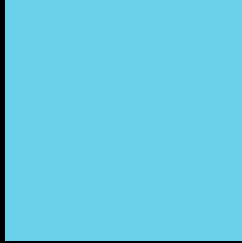
Large Text (above 18pt) WCAG AA × Fail

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 43.4706, 54.1781, 86.0082 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 43.4706, 54.1781, 86.0082

Background



This preview shows how black text looks on a background with the XYZ color 43.4706, 54.1781, 86.0082.



This preview shows how white text looks on a background with the XYZ color 43.4706, 54.1781,

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

43.4706, 54.1781, 86.0082

Protanopia

52.9080, 53.7184, 77.3922

Deuteranopia

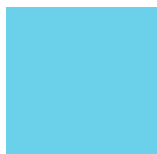
54.6165, 53.3871, 88.3151



Tritanopia

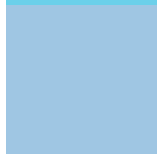
42.2369, 54.0350, 80.1552

Trichromacy



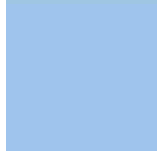
Original Color

43.4706, 54.1781, 86.0082



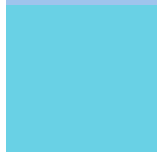
Protanomaly

48.3573, 53.3051, 80.4133



Deuteranomaly

49.3241, 52.9652, 87.7444



Tritanomaly

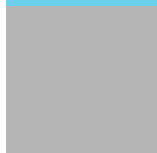
42.7690, 54.2613, 82.3481

Monochromacy



Original Color

43.4706, 54.1781, 86.0082



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

42.3826, 48.3018, 61.7330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4706, 54.1781, 86.0082 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(107, 208, 234)` looks like.

```
.text, #text, p{  
    color:rgb(107, 208, 234)  
}
```

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(107, 208, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 208, 234) }
```

Border

The CSS property to change the border of an element to XYZ 43.4706, 54.1781, 86.0082 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(107, 208, 234) }
```


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

```
.border{ border-color:rgb(107, 208, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 208, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 208, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 208, 234);  
box-shadow:4px 4px 4px 4px rgb(107, 208,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4706, 54.1781, 86.0082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 208, 234) }
```

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

```
.background{ background-color: rgb(107,  
208, 234) }
```

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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