

Converting Colors

XYZ(44.5836, 58.7315,
101.3878)

Have a look what the booklet for
XYZ(44.5836, 58.7315, 101.3878)
contains.

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Color

**XYZ(44.4235, 58.4756,
101.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	36DBFC
RGB	54, 219, 252
RGB Percent	21%, 86%, 99%
CMY	0.7882, 0.1412, 0.0118
CMYK	0.79, 0.13, 0.00, 0.01
HSL	190°, 97%, 60%
HSV	190°, 79%, 99%
XYZ	44.4235, 58.4756, 101.0410
YIQ	173.4270, -108.9330, -24.7170

Conversions

Conversions Part 2

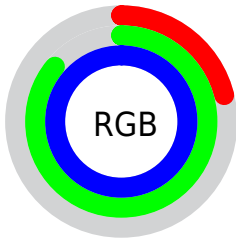
Format	Color
RYB	54, 144, 252
Decimal	3595260
CIELab	81.00, -30.09, -27.83
CIELCh	81, 40.987, 222.771
Yxy	58.4756, 0.2178, 0.2867
Android (android.graphics.Color)	4281785340 (0xFF36DBFC)
YUV	173.4270, 38.7365, -104.7375
Hunter-Lab	76.4693, -30.1250, -24.8129

Details

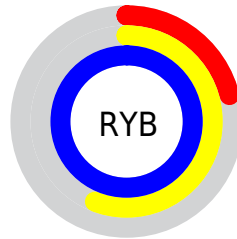
The XYZ color **44.4235, 58.4756, 101.0410** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **44.2210, 27.7809, 6.5236**, and the grayscale version is **39.7897, 41.8619, 45.5876**.

A 20% lighter version of the original color is **63.3257, 83.6455, 107.4153**, and **23.1258, 30.4910, 56.2963** is the 20% darker color. If you saturate the color by 10%, you get **42.3227, 55.7875, 100.6340**, and if you desaturate by 10%, it is **47.2554, 61.5839, 101.4928**.

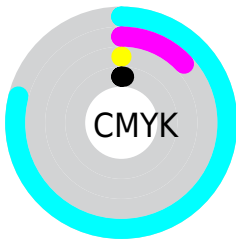
Distribution



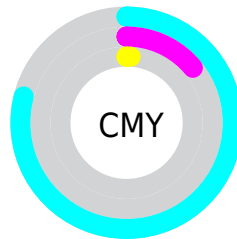
- Red (21%)
- Green (86%)
- Blue (99%)



- Red (21%)
- Yellow (56%)
- Blue (99%)



- Cyan (79%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (79%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4235, 58.4756, 101.0410 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 44.4235, 58.4756, 101.0410 by changing the saturation by 10% instead.

■ 44.4235, 58.4756,
101.0410

■ 44.4235, 58.4756,
101.0410

355.2568,
418.9558, 584.8002

■ 31.2029, 42.1911,
76.5485

■ 81.0970, 102.6151,
164.6514

■ 20.9060, 29.2510,
56.3730

■ 105.2807,
131.2389, 204.6063

■ 13.1674, 19.2708,
40.0961

■ 133.8495,
164.7447, 250.5524

■ 7.6217, 11.8661,
27.2991

■ 167.1686,
203.5167, 302.9083

■ 3.9036, 6.6526,
17.5636

205.6036,
247.9395, 362.0925

■ 1.6477, 3.2458,
10.4709

249.5197,

■ 0.4232, 1.2614,

298.3973, 428.5235

5.6026

299.2823,
355.2746, 502.6199

■ 0.0000, 0.1110,
2.5401

■ 0.0000, 0.0000,
0.8613

■ 44.4235, 58.4756,
101.0410

■ 44.4235, 58.4756,
101.0410

■ 42.3227, 55.7875,
100.6340

■ 47.2554, 61.5839,
101.4928

■ 40.8119, 53.4431,
100.2611

■ 50.9078, 65.1555,
101.9897

■ 40.6175, 53.1216,
100.2093

■ 55.4632, 69.2341,
102.5369

■ 60.9922, 73.8566,
103.1377

67.5584, 79.0560,
103.7952

75.2197, 84.8625,
104.5122

84.0298, 91.3039,
105.2911

93.8113, 98.2892,
106.1239

94.5709, 99.8084,
106.3771

Harmonies

Analogous

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



41.1141, 58.4756, 74.5880



44.4235, 58.4756, 101.0410



50.8771, 58.4756, 119.6622

Triad

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



44.4235, 58.4756, 101.0410



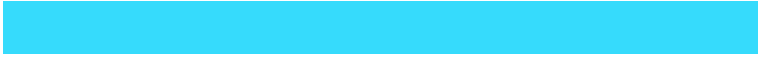
72.6981, 58.4756, 78.5661



52.0440, 58.4756, 28.0592

Complementary

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



44.4235, 58.4756, 101.0410



44.2210, 27.7809, 6.5236

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.



60.5626, 58.4756, 28.6086



44.4235, 58.4756, 101.0410



73.0925, 58.4756, 53.8730

Square

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



44.4235, 58.4756, 101.0410



67.4338, 58.4756, 104.5854



68.4619, 58.4756, 36.8790



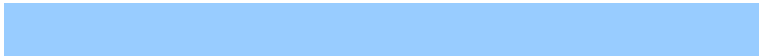
45.2025, 58.4756, 35.1183

Rectangle

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



44.4235, 58.4756, 101.0410



56.3731, 58.4756, 122.8051



68.4619, 58.4756, 36.8790



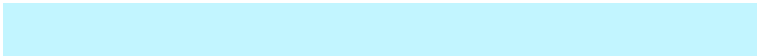
54.7930, 58.4756, 27.4252

Sweetspot

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



44.4254, 58.4777, 101.0424



72.8387, 83.8466, 106.9527



38.0539, 71.0947, 20.7368



15.0096, 17.5023, 22.8371



0.0000, 0.0000, 0.0000



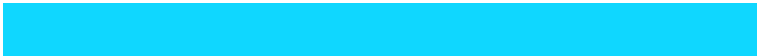
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.4254, 58.4777, 101.0424



42.5649, 55.9500, 103.1638



25.8109, 21.2487, 94.8376



17.5051, 19.0871, 22.1469



21.2520, 27.8595, 52.2309



2.0315, 2.7067, 4.8586

Inverse Universe

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



54.2519, 28.4502, 69.6520



53.6871, 26.5190, 66.6121



58.3718, 56.0827, 11.2405



17.8615, 17.4720, 21.1264



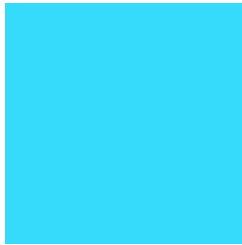
27.0190, 13.2233, 33.1383



2.5343, 1.2375, 3.2372

Previews

White Background



This preview shows how the XYZ color 44.4235, 58.4756, 101.0410 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 44.4235, 58.4756, 101.0410 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

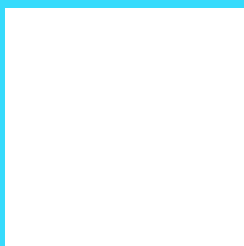
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.4235, 58.4756, 101.0410

Background



This preview shows how black text looks on a background with the XYZ color 44.4235, 58.4756, 101.0410.

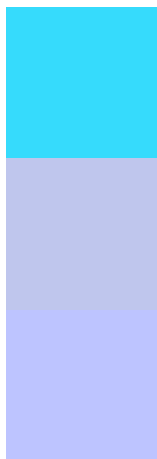


This preview shows how white text looks on a background with the XYZ color 44.4235, 58.4756,

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

44.4235, 58.4756, 101.0410

Protanopia

56.9660, 57.5790, 88.2322

Deuteranopia

58.7762, 57.5187, 102.6121



Tritanopia

42.3115, 58.3960, 90.7029

Trichromacy



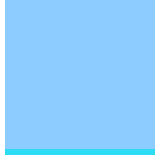
Original Color

44.4235, 58.4756, 101.0410



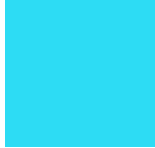
Protanomaly

49.0828, 56.2161, 92.2683



Deuteranomaly

50.2975, 55.9169, 101.9080



Tritanomaly

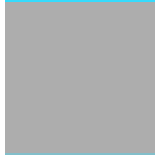
43.0045, 58.2759, 94.5698

Monochromacy



Original Color

44.4235, 58.4756, 101.0410



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

38.2800, 45.8370, 62.7070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4235, 58.4756, 101.0410 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(54, 219, 252)` looks like.

```
.text, #text, p{  
    color:rgb(54, 219, 252)  
}
```

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(54, 219, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 219, 252) }
```

Border

The CSS property to change the border of an element to XYZ 44.4235, 58.4756, 101.0410 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(54, 219, 252) }
```


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

```
.border{ border-color:rgb(54, 219, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 219, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 219, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 219, 252);  
box-shadow:4px 4px 4px 4px rgb(54, 219,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4235, 58.4756, 101.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 219, 252) }
```

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

```
.background{ background-color: rgb(54, 219,  
252) }
```

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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