

Converting Colors

XYZ(41.4255, 48.2059,
101.7291)

Have a look what the booklet for
XYZ(41.4255, 48.2059, 101.7291)
contains.

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Color

**XYZ(41.4956, 48.2765,
101.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	57C3FF
RGB	87, 195, 255
RGB Percent	34%, 76%, 100%
CMY	0.6588, 0.2353, 0.0000
CMYK	0.66, 0.24, 0.00, 0.00
HSL	201°, 100%, 67%
HSV	201°, 66%, 100%
XYZ	41.4956, 48.2765, 101.7390
YIQ	169.5480, -83.6280, -4.2360

Conversions

Conversions Part 2

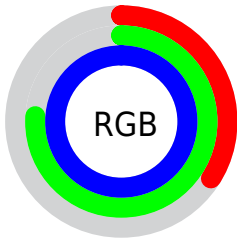
Format	Color
R _Y B	87, 153, 255
Decimal	5751807
CIE Lab	75.00, -12.93, -38.63
CIE LCh	75, 40.738, 251.495
Yxy	48.2765, 0.2167, 0.2521
Android (android.graphics.Color)	4283941887 (0xFF57C3FF)
YUV	169.5480, 42.1278, -72.3946
Hunter-Lab	69.4813, -14.9885, -38.1793

Details

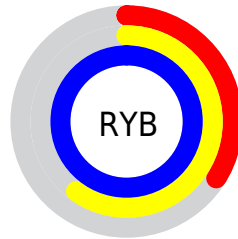
The XYZ color **41.4956, 48.2765, 101.7390** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **53.3955, 42.8179, 14.4693**, and the grayscale version is **37.8128, 39.7820, 43.3226**.

A 20% lighter version of the original color is **65.4961, 82.8898, 107.1551**, and **19.7179, 23.1270, 56.8508** is the 20% darker color. If you saturate the color by 10%, you get **37.5429, 43.3021, 100.9872**, and if you desaturate by 10%, it is **46.4161, 53.9363, 102.5721**.

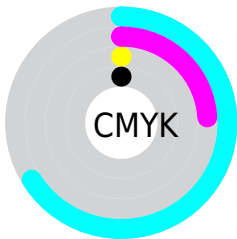
Distribution



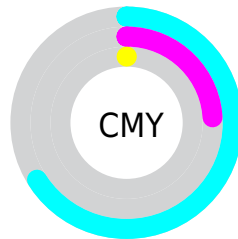
- Red (34%)
- Green (76%)
- Blue (100%)



- Red (34%)
- Yellow (60%)
- Blue (100%)



- Cyan (66%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4956, 48.2765, 101.7390 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 41.4956, 48.2765, 101.7390 by changing the saturation by 10% instead.

41.4956, 48.2765,
101.7390

41.4956, 48.2765,
101.7390

343.4150,
379.8871, 587.0480

28.8959, 34.0459,
77.1287

76.7056, 87.6159,
165.6176

19.1460, 22.9289,
56.8463

100.0467,
113.4936, 205.7230

11.8804, 14.5410,
40.4733

127.6989,
144.0224, 251.8304

6.7339, 8.4979,
27.5912

160.0277,
179.5867, 304.3585

3.3411, 4.4152,
17.7814

197.3983,
220.5709, 363.7258

1.3366, 1.9084,
10.6253

240.1762,

0.2104, 0.5534,

267.3594, 430.3507

5.7045

288.7266,
320.3367, 504.6520

■ 0.0000, 0.0000,
2.6004

■ 0.0000, 0.0000,
0.8926

■ 41.4956, 48.2765,
101.7390

■ 41.4956, 48.2765,
101.7390

■ 37.5429, 43.3021,
100.9872

■ 46.4161, 53.9363,
102.5721

■ 34.4582, 38.9559,
100.3108

■ 52.3818, 60.3220,
103.4902

■ 32.1254, 35.1754,
99.7041

■ 59.4664, 67.4755,
104.4976

■ 31.3125, 33.7449,
99.4708

■ 67.7356, 75.4339,
105.5979

■ 77.2496, 84.2310,
106.7945

■ 88.0643, 93.8985,
108.0905

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



35.9881, 48.2765, 84.6284



41.4956, 48.2765, 101.7390



48.7939, 48.2765, 103.7647

Triad

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



41.4956, 48.2765, 101.7390



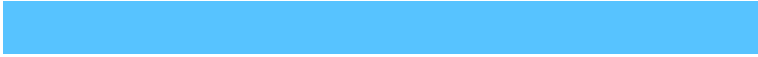
61.3700, 48.2765, 44.8200



37.0497, 48.2765, 27.4739

Complementary

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



41.4956, 48.2765, 101.7390



53.3955, 42.8179, 14.4693

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.



43.0948, 48.2765, 21.7840



41.4956, 48.2765, 101.7390



57.4487, 48.2765, 29.8355

Square

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



41.4956, 48.2765, 101.7390



60.8224, 48.2765, 66.6609



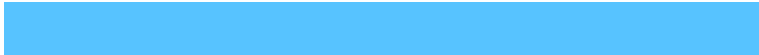
50.5743, 48.2765, 22.5122



33.6190, 48.2765, 40.6108

Rectangle

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



41.4956, 48.2765, 101.7390



53.7671, 48.2765, 95.7792



50.5743, 48.2765, 22.5122



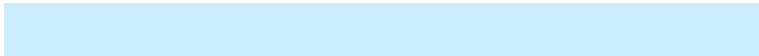
38.8142, 48.2765, 24.8106

Sweetspot

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



41.4971, 48.2781, 101.7392



73.1740, 80.5016, 106.2894



44.8646, 75.6160, 39.3459



15.0940, 16.7042, 22.6786



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.



41.4971, 48.2781, 101.7392



36.4916, 41.8806, 100.7682



27.7986, 20.8811, 97.1730



17.9771, 19.3259, 23.0327



16.5077, 17.9250, 52.0244



1.7106, 1.9519, 5.0999

Inverse Universe

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



54.4996, 32.0182, 54.9390



51.0910, 27.2777, 47.4008



71.2023, 78.4315, 20.4049



18.5011, 18.1838, 21.2560



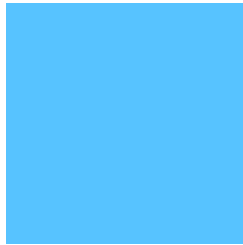
25.1205, 12.5375, 19.8170



2.4981, 1.2416, 2.2042

Previews

White Background



This preview shows how the XYZ color 41.4956, 48.2765, 101.7390 looks on a white background.

Color Contrast Check

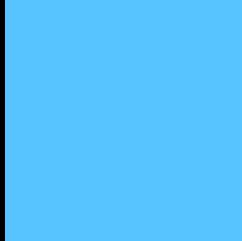
Large Text (above 18pt) WCAG AA × Fail

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 41.4956, 48.2765, 101.7390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

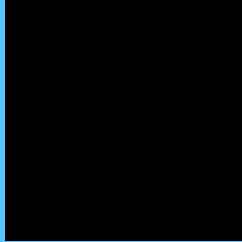
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

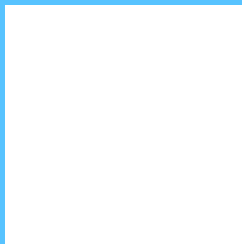
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.4956, 48.2765, 101.7390

Background



This preview shows how black text looks on a background with the XYZ color 41.4956, 48.2765, 101.7390.



This preview shows how white text looks on a background with the XYZ color 41.4956, 48.2765,

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

41.4956, 48.2765, 101.7390

Protanopia

48.5789, 47.6864, 92.2320

Deuteranopia

48.8785, 47.9450, 101.2859



Tritanopia

36.0222, 48.4613, 73.7851

Trichromacy



Original Color

41.4956, 48.2765, 101.7390

Protanomaly

44.8187, 47.2135, 95.5579

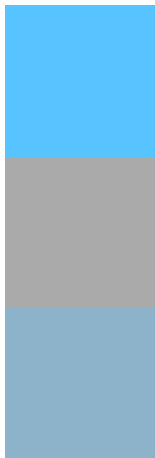
Deuteranomaly

45.3360, 47.6662, 101.4188

Tritanomaly

37.6713, 48.0722, 82.8947

Monochromacy



Original Color

41.4956, 48.2765, 101.7390

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.4779, 42.0327, 61.3962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4956, 48.2765, 101.7390 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(87, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(87, 195, 255)  
}
```

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(87, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.4956, 48.2765, 101.7390 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(87, 195, 255) }
```


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

```
.border{ border-color:rgb(87, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(87, 195, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(87, 195, 255); box-shadow:4px 4px 4px 4px rgb(87, 195, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4956, 48.2765, 101.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 195, 255) }
```

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

```
.background{ background-color: rgb(87, 195,  
255) }
```

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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