

Converting Colors

XYZ(43.3622, 52.3918, 89.1327)

Have a look what the booklet for
XYZ(43.3622, 52.3918, 89.1327)
contains.

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Color

**XYZ(43.3663, 52.2589,
89.4627)**

Conversions

Conversions Part 1

Format	Color
Hex	6ECBEF
RGB	110, 203, 239
RGB Percent	43%, 80%, 94%
CMY	0.5686, 0.2039, 0.0627
CMYK	0.54, 0.15, 0.00, 0.06
HSL	197°, 80%, 68%
HSV	197°, 54%, 94%
XYZ	43.3663, 52.2589, 89.4627
YIQ	179.2970, -66.9840, -8.5200

Conversions

Conversions Part 2

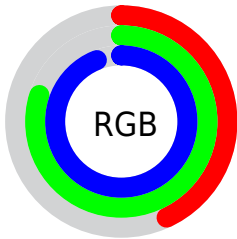
Format	Color
R _Y B	110, 164, 239
Decimal	7261167
CIE Lab	77.44, -17.82, -26.23
CIE LCh	77, 31.706, 235.813
Yxy	52.2589, 0.2343, 0.2823
Android (android.graphics.Color)	4285451247 (0xFF6ECBEF)
YUV	179.2970, 29.4336, -60.7735
Hunter-Lab	72.2903, -19.4275, -22.7710

Details

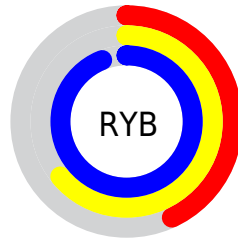
The XYZ color **43.3663, 52.2589, 89.4627** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **48.6913, 40.0357, 19.9148**, and the grayscale version is **42.8812, 45.1143, 49.1295**.

A 20% lighter version of the original color is **70.1722, 87.1750, 107.7357**, and **20.2910, 25.4274, 48.6383** is the 20% darker color. If you saturate the color by 10%, you get **39.2429, 47.8460, 88.8292**, and if you desaturate by 10%, it is **48.3626, 57.2245, 90.1588**.

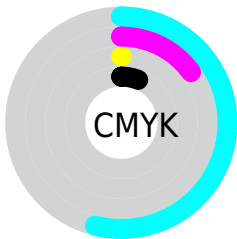
Distribution



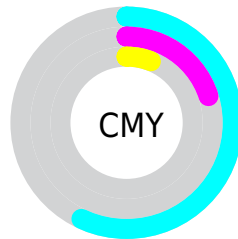
- Red (43%)
- Green (80%)
- Blue (94%)



- Red (43%)
- Yellow (64%)
- Blue (94%)



- Cyan (54%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)





- Cyan (57%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3663, 52.2589, 89.4627 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 43.3663, 52.2589, 89.4627 by changing the saturation by 10% instead.


 43.3663, 52.2589,
89.4627


 43.3663, 52.2589,
89.4627


351.0120,
395.4353, 546.8064


 30.3684, 37.2115,
66.9639


 79.5156, 93.5129,
148.5208

 20.2678, 25.3713,
48.5939


 103.3977,
120.4884, 185.9172

 12.6993, 16.3539,
33.9341


 131.6386,
152.2086, 229.1166

 7.2974, 9.7749,
22.5660

164.6036,
189.0580, 278.5374

 3.6967, 5.2500,
14.0711

202.6581,
231.4209, 334.5983

 1.5320, 2.3947,
8.0308

246.1674,

 0.3475, 0.8231,

279.6819, 397.7177

4.0266

295.4970,
334.2252, 468.3142

■ 0.0000, 0.0000,
1.6400

■ 0.0000, 0.0000,
0.3191

■ 43.3663, 52.2589,
89.4627

■ 43.3663, 52.2589,
89.4627

■ 39.2429, 47.8460,
88.8292

■ 48.3626, 57.2245,
90.1588

■ 35.9204, 43.9444,
88.2512

■ 54.2863, 62.7690,
90.9168

■ 33.3231, 40.5146,
87.7261

■ 61.1932, 68.9233,
91.7406

■ 31.3567, 37.5068,
87.2492

■ 69.1329, 75.7143,
92.6330

■ 30.3908, 35.8532,
86.9809

■ 78.1518, 83.1670,
93.5961

■ 88.2933, 91.3050,
94.6324

■ 90.9098, 95.6713,
95.3373

■ 92.5802, 99.0121,
95.8941

Harmonies

Analogous

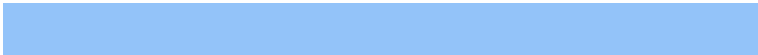
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.8409, 52.2589, 72.8200



43.3663, 52.2589, 89.4627



48.8190, 52.2589, 97.4153

Triad

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



43.3663, 52.2589, 89.4627



62.3128, 52.2589, 59.3892



44.7355, 52.2589, 31.6989

Complementary

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



43.3663, 52.2589, 89.4627



48.6913, 40.0357, 19.9148

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.



50.5319, 52.2589, 29.5408



43.3663, 52.2589, 89.4627



60.9970, 52.2589, 43.4896

Square

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



43.3663, 52.2589, 89.4627



60.0202, 52.2589, 77.9432



56.5579, 52.2589, 33.3886



40.5848, 52.2589, 40.0342

Rectangle

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



43.3663, 52.2589, 89.4627



52.9363, 52.2589, 95.7337



56.5579, 52.2589, 33.3886



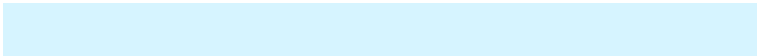
46.5419, 52.2589, 30.3108

Sweetspot

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



43.3680, 52.2608, 89.4640



78.0747, 86.0157, 107.0955



42.3630, 67.0751, 37.2620



16.2943, 18.0568, 22.8765



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.



43.3680, 52.2608, 89.4640



44.9319, 54.8322, 102.8233



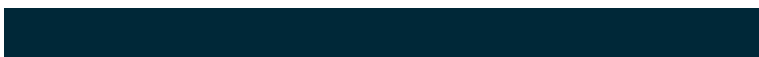
31.4047, 28.3342, 85.4762



15.8528, 17.1397, 20.1944



16.9105, 20.0453, 48.1057



1.4901, 1.8342, 4.0297

Inverse Universe

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



51.9535, 33.8160, 60.2908



56.3103, 33.0373, 63.5653



61.1883, 65.0299, 24.0805



16.2551, 15.9518, 18.8998



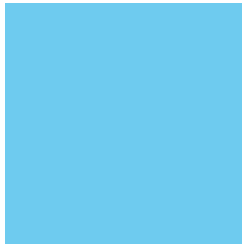
23.8613, 11.8169, 22.9839



2.0271, 0.9999, 2.1335

Previews

White Background



This preview shows how the XYZ color 43.3663, 52.2589, 89.4627 looks on a white background.

Color Contrast Check

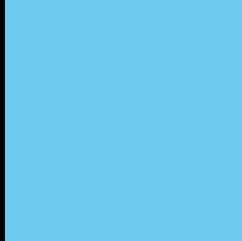
Large Text (above 18pt) WCAG AA × Fail

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 43.3663, 52.2589, 89.4627 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 43.3663, 52.2589, 89.4627

Background



This preview shows how black text looks on a background with the XYZ color 43.3663, 52.2589, 89.4627.



This preview shows how white text looks on a background with the XYZ color 43.3663, 52.2589,

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

43.3663, 52.2589, 89.4627

Protanopia

51.1821, 51.4473, 81.3615

Deuteranopia

53.0040, 51.8355, 92.0057



Tritanopia

40.9650, 52.3596, 77.0546

Trichromacy



Original Color

43.3663, 52.2589, 89.4627

Protanomaly

47.2955, 50.9917, 84.4404

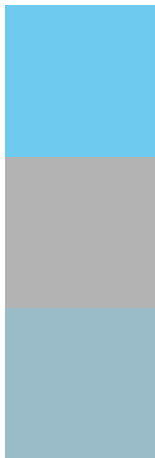
Deuteranomaly

48.6145, 51.5193, 91.3864

Tritanomaly

41.7788, 52.3283, 81.2972

Monochromacy



Original Color

43.3663, 52.2589, 89.4627

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.8523, 47.0535, 62.1347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3663, 52.2589, 89.4627 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(110, 203, 239)` looks like.

```
.text, #text, p{  
    color:rgb(110, 203, 239)  
}
```

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(110, 203, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 203, 239) }
```

Border

The CSS property to change the border of an element to XYZ 43.3663, 52.2589, 89.4627 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(110, 203, 239) }
```


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

```
.border{ border-color:rgb(110, 203, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 203, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 203, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 203, 239);  
box-shadow:4px 4px 4px 4px rgb(110, 203,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3663, 52.2589, 89.4627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 203, 239) }
```

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

```
.background{ background-color: rgb(110,  
203, 239) }
```

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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