

Converting Colors

XYZ(44.1694, 54.8513, 89.0888)

Have a look what the booklet for
XYZ(44.1694, 54.8513, 89.0888)
contains.

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Color

**XYZ(44.1769, 54.8381,
89.1454)**

Conversions

Conversions Part 1

Format	Color
Hex	6AD1EE
RGB	106, 209, 238
RGB Percent	42%, 82%, 93%
CMY	0.5843, 0.1804, 0.0667
CMYK	0.55, 0.12, 0.00, 0.07
HSL	193°, 80%, 67%
HSV	193°, 55%, 93%
XYZ	44.1769, 54.8381, 89.1454
YIQ	181.5090, -70.6970, -12.8170

Conversions

Conversions Part 2

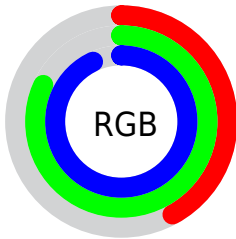
Format	Color
RYB	106, 164, 238
Decimal	7000558
CIELab	78.95, -21.95, -23.40
CIElCh	79, 32.083, 226.827
Yxy	54.8381, 0.2348, 0.2914
Android (android.graphics.Color)	4285190638 (0xFF6AD1EE)
YUV	181.5090, 27.8501, -66.2214
Hunter-Lab	74.0528, -23.1064, -19.5369

Details

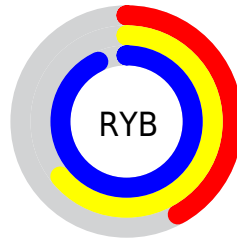
The XYZ color **44.1769, 54.8381, 89.1454** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **46.5268, 36.5473, 18.2395**, and the grayscale version is **44.0794, 46.3750, 50.5024**.

A 20% lighter version of the original color is **69.5359, 86.8470, 107.7060**, and **20.6922, 26.8459, 48.3472** is the 20% darker color. If you saturate the color by 10%, you get **40.4697, 51.0548, 88.6116**, and if you desaturate by 10%, it is **48.7143, 59.1142, 89.7326**.

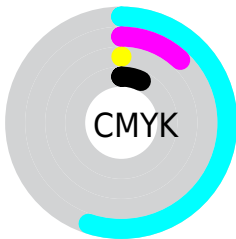
Distribution



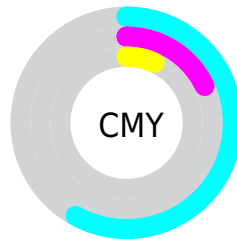
- Red (42%)
- Green (82%)
- Blue (93%)



- Red (42%)
- Yellow (64%)
- Blue (93%)



- Cyan (55%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (58%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1769, 54.8381, 89.1454 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 44.1769, 54.8381, 89.1454 by changing the saturation by 10% instead.

■ 44.1769, 54.8381,
89.1454

■ 44.1769, 54.8381,
89.1454

354.2697,
405.2979, 545.7451

■ 31.0081, 39.2721,
66.7023

■ 80.7286, 97.3037,
148.0759

■ 20.7569, 26.9715,
48.3827

■ 104.8422,
124.9721, 185.4004

■ 13.0579, 17.5518,
33.7679

■ 133.3347,
157.4435, 228.5224

■ 7.5457, 10.6287,
22.4394

166.5716,
195.1021, 277.8606

■ 3.8550, 5.8177,
13.9788

204.9182,
238.3325, 333.8334

■ 1.6204, 2.7346,
7.9673

248.7399,

■ 0.4057, 0.9948,

287.5190, 396.8594

3.9866

298.4019,
343.0460, 467.3571

■ 0.0000, 0.0000,
1.6180

■ 0.0000, 0.0000,
0.3036

■ 44.1769, 54.8381,
89.1454

■ 44.1769, 54.8381,
89.1454

■ 40.4697, 51.0548,
88.6116

■ 48.7143, 59.1142,
89.7326

■ 37.5205, 47.7230,
88.1239

■ 54.1363, 63.9083,
90.3722

■ 35.2528, 44.8039,
87.6800

■ 60.4983, 69.2506,
91.0681

■ 33.5704, 42.2472,
87.2751

■ 67.8498, 75.1673,
91.8226

■ 32.9316, 41.1707,
87.1010

■ 76.2366, 81.6824,
92.6382

■ 85.7017, 88.8188,
93.5167

■ 89.5082, 93.1040,
94.1432

■ 91.1177, 96.3230,
94.6797

■ 92.4328, 98.9531,
95.1181

Harmonies

Analogous

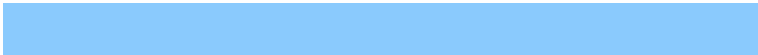
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.2473, 54.8381, 70.4595



44.1769, 54.8381, 89.1454



49.3781, 54.8381, 100.8290

Triad

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



44.1769, 54.8381, 89.1454



64.9915, 54.8381, 68.0722



48.6534, 54.8381, 32.0161

Complementary

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



44.1769, 54.8381, 89.1454



46.5268, 36.5473, 18.2395

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.



54.9656, 54.8381, 31.6352



44.1769, 54.8381, 89.1454



64.7574, 54.8381, 50.1124

Square

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



44.1769, 54.8381, 89.1454



61.5824, 54.8381, 87.0934



60.9667, 54.8381, 37.5919



43.6837, 54.8381, 38.7668

Rectangle

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



44.1769, 54.8381, 89.1454



53.5928, 54.8381, 101.7890



60.9667, 54.8381, 37.5919



50.6783, 54.8381, 31.1954

Sweetspot

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



44.1786, 54.8401, 89.1467



77.8973, 86.7585, 107.2482



40.8649, 65.9526, 33.3525



16.2899, 18.2642, 22.9167



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.



44.1786, 54.8401, 89.1467



46.6527, 58.9779, 103.5328



31.2608, 29.0044, 84.8408



15.9356, 17.3053, 20.2220



18.4721, 23.1684, 48.6262



1.6086, 2.0712, 4.0692

Inverse Universe

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



51.9240, 33.0903, 63.9740



57.0070, 32.6580, 69.2627



58.6563, 60.8064, 22.2827



16.2969, 15.9685, 19.1199



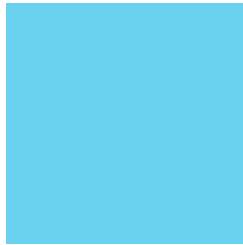
24.6495, 12.1322, 27.1344



2.0869, 1.0238, 2.4484

Previews

White Background



This preview shows how the XYZ color 44.1769, 54.8381, 89.1454 looks on a white background.

Color Contrast Check

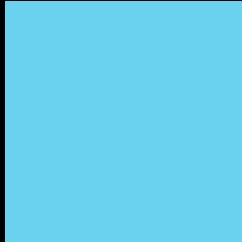
Large Text (above 18pt) WCAG AA × Fail

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 44.1769, 54.8381, 89.1454 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 44.1769, 54.8381, 89.1454

Background



This preview shows how black text looks on a background with the XYZ color 44.1769, 54.8381, 89.1454.



This preview shows how white text looks on a background with the XYZ color 44.1769, 54.8381, 89.1454.

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

44.1769, 54.8381, 89.1454

Protanopia

53.6741, 54.3773, 80.3400

Deuteranopia

55.4267, 54.0565, 91.5171



Tritanopia

42.7773, 55.0147, 81.7631

Trichromacy



Original Color

44.1769, 54.8381, 89.1454



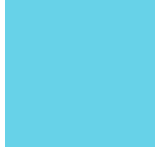
Protanomaly

48.9478, 53.8855, 83.4224



Deuteranomaly

50.1415, 53.6543, 90.9327



Tritanomaly

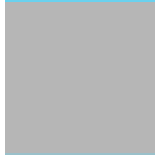
43.2056, 54.8029, 84.6448

Monochromacy



Original Color

44.1769, 54.8381, 89.1454



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

42.8367, 48.8336, 63.0452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1769, 54.8381, 89.1454 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(106, 209, 238)` looks like.

```
.text, #text, p{  
    color:rgb(106, 209, 238)  
}
```

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(106, 209, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 209, 238) }
```

Border

The CSS property to change the border of an element to XYZ 44.1769, 54.8381, 89.1454 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(106, 209, 238) }
```


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

```
.border{ border-color:rgb(106, 209, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 209, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 209, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 209, 238);  
box-shadow:4px 4px 4px 4px rgb(106, 209,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1769, 54.8381, 89.1454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 209, 238) }
```

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

```
.background{ background-color: rgb(106,  
209, 238) }
```

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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