

Converting Colors

XYZ(54.2507, 75.2490, 86.2149)

Have a look what the booklet for
XYZ(54.2507, 75.2490, 86.2149)
contains.

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Color

**XYZ(54.3089, 75.2695,
86.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	73F6E6
RGB	115, 246, 230
RGB Percent	45%, 96%, 90%
CMY	0.5490, 0.0353, 0.0980
CMYK	0.53, 0.00, 0.07, 0.04
HSL	173°, 88%, 71%
HSV	173°, 53%, 96%
XYZ	54.3089, 75.2695, 86.5290
YIQ	205.0070, -72.9400, -32.7480

Conversions

Conversions Part 2

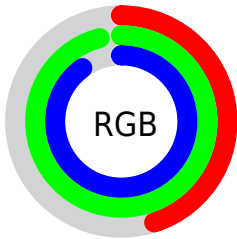
Format	Color
RYB	115, 185, 246
Decimal	7599846
CIELab	89.52, -39.92, -3.32
CIElCh	90, 40.058, 184.758
Yxy	75.2695, 0.2513, 0.3483
Android (android.graphics.Color)	4285789926 (0xFF73F6E6)
YUV	205.0070, 12.3215, -78.9361
Hunter-Lab	86.7580, -40.0888, 1.5971

Details

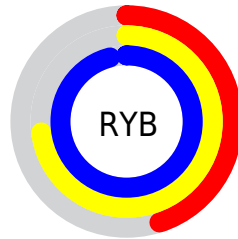
The XYZ color **54.3089, 75.2695, 86.5290** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **48.2360, 33.4951, 25.3983**, and the grayscale version is **57.9921, 61.0122, 66.4423**.

A 20% lighter version of the original color is **71.7145, 87.9701, 107.8079**, and **27.0176, 40.0482, 46.8635** is the 20% darker color. If you saturate the color by 10%, you get **51.0776, 73.6539, 84.1952**, and if you desaturate by 10%, it is **58.4148, 77.3388, 88.9450**.

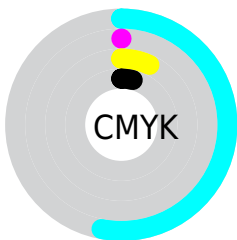
Distribution



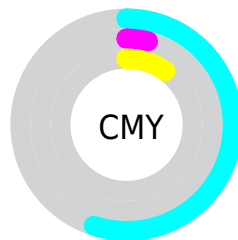
- Red (45%)
- Green (96%)
- Blue (90%)



- Red (45%)
- Yellow (73%)
- Blue (96%)



- Cyan (53%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)





- Cyan (55%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3089, 75.2695, 86.5290 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 54.3089, 75.2695, 86.5290 by changing the saturation by 10% instead.


 54.3089, 75.2695,
86.5290


 54.3089, 75.2695,
86.5290


393.4660,
478.8434, 536.9499

 39.0803, 55.8337,
64.5481


 95.6819, 126.6938,
144.4005

 27.0032, 40.0696,
46.6457


 122.5570,
159.4510, 181.1283

 17.7122, 27.5928,
32.4033


 154.0450,
197.4176, 223.6087

 10.8420, 18.0189,
21.4024

190.5113,
240.9778, 272.2603

 6.0272, 10.9636,
13.2244

232.3212,
290.5161, 327.5017

 2.9025, 6.0424,
7.4507

279.8400,

 1.1024, 2.8709,

346.4169, 389.7514

3.6628

333.4332,
409.0645, 459.4279

0.0271, 1.0647,
1.4423

0.0000, 0.0000,
0.1743

54.3089, 75.2695,
86.5290

54.3089, 75.2695,
86.5290

51.0776, 73.6539,
84.1952

58.4148, 77.3388,
88.9450

48.6440, 72.4468,
81.9349


63.4514, 79.8852,
91.4411


46.9289, 71.6093,
79.7458


69.4778, 82.9410,
94.0219


45.8336, 71.0905,
77.6231


76.5461, 86.5332,
96.6900


 45.3456, 70.8694,
76.2233

 84.7049, 90.6866,
99.4478

 91.1453, 93.9533,
102.1641

 91.6155, 94.1414,
104.6401

 92.0932, 94.3324,
107.1557

 92.2470, 94.3940,
107.9657

Harmonies

Analogous

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



55.7695, 75.2695, 60.9700



54.3089, 75.2695, 86.5290



57.1083, 75.2695, 116.8558

Triad

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



54.3089, 75.2695, 86.5290



82.8683, 75.2695, 134.9622



79.9087, 75.2695, 42.0937

Complementary

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



54.3089, 75.2695, 86.5290



48.2360, 33.4951, 25.3983

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.



88.2219, 75.2695, 54.8042



54.3089, 75.2695, 86.5290



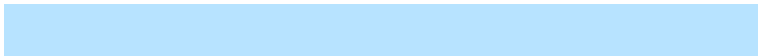
90.0374, 75.2695, 107.2766

Square

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



54.3089, 75.2695, 86.5290



73.1209, 75.2695, 148.6084



92.0806, 75.2695, 77.5464



69.9848, 75.2695, 38.9784

Rectangle

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



54.3089, 75.2695, 86.5290



61.1790, 75.2695, 134.5974



92.0806, 75.2695, 77.5464



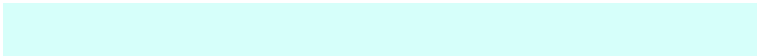
83.0124, 75.2695, 45.2160

Sweetspot

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



54.3111, 75.2724, 86.5308



80.8078, 92.7494, 104.0991



45.6415, 72.0955, 27.7315



16.9516, 19.6770, 22.1532



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.



54.3111, 75.2724, 86.5308



55.1584, 79.7869, 91.1392



43.8936, 50.6742, 94.6597



16.9044, 18.7209, 20.7811



24.2383, 37.8401, 40.8700



2.1543, 3.3354, 3.7186

Inverse Universe

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



48.2360, 33.4951, 25.3983



47.9598, 30.0437, 18.5235



54.2062, 47.0394, 22.4438



16.5815, 16.5154, 17.5426



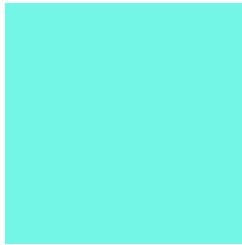
20.4382, 10.5187, 1.7501



1.8222, 0.9348, 0.2901

Previews

White Background



This preview shows how the XYZ color 54.3089, 75.2695, 86.5290 looks on a white background.

Color Contrast Check

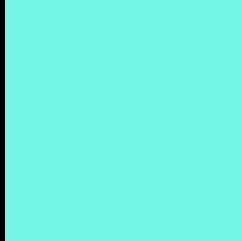
Large Text (above 18pt) WCAG AA × Fail

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 54.3089, 75.2695, 86.5290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

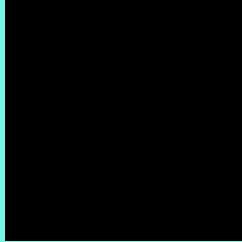
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3089, 75.2695, 86.5290

Background



This preview shows how black text looks on a background with the XYZ color 54.3089, 75.2695, 86.5290.

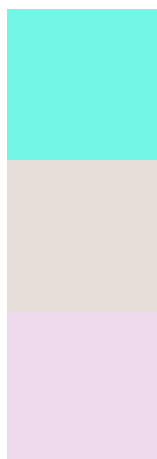


This preview shows how white text looks on a background with the XYZ color 54.3089, 75.2695,

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

54.3089, 75.2695, 86.5290

Protanopia

70.9588, 73.9103, 76.1718

Deuteranopia

75.5498, 74.0326, 89.6647



Tritanopia

60.8373, 74.6650, 105.8131

Trichromacy



Original Color

54.3089, 75.2695, 86.5290



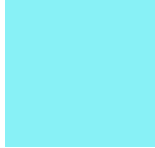
Protanomaly

62.4998, 73.1171, 79.9262



Deuteranomaly

64.8428, 72.8967, 88.4948



Tritanomaly

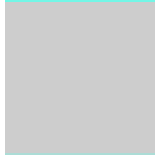
58.2432, 74.7987, 98.5566

Monochromacy



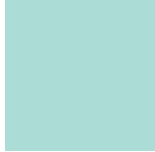
Original Color

54.3089, 75.2695, 86.5290



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

54.7441, 64.8121, 73.2430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3089, 75.2695, 86.5290 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(115, 246, 230)` looks like.

```
.text, #text, p{  
    color:rgb(115, 246, 230)  
}
```

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(115, 246, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 246, 230) }
```

Border

The CSS property to change the border of an element to XYZ 54.3089, 75.2695, 86.5290 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(115, 246, 230) }
```


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

```
.border{ border-color:rgb(115, 246, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 246, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 246, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 246, 230); box-shadow:4px 4px 4px 4px rgb(115, 246, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3089, 75.2695, 86.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 246, 230) }
```

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

```
.background{ background-color: rgb(115,  
246, 230) }
```

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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