

Converting Colors

XYZ(44.5430, 55.8151, 85.9695)

Have a look what the booklet for
XYZ(44.5430, 55.8151, 85.9695)
contains.

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Color

**XYZ(44.5760, 55.8440,
86.2715)**

Conversions

Conversions Part 1

Format	Color
Hex	6ED3EA
RGB	110, 211, 234
RGB Percent	43%, 83%, 92%
CMY	0.5686, 0.1725, 0.0823
CMYK	0.53, 0.10, 0.00, 0.08
HSL	191°, 75%, 67%
HSV	191°, 53%, 92%
XYZ	44.5760, 55.8440, 86.2715
YIQ	183.4230, -67.5790, -14.2590

Conversions

Conversions Part 2

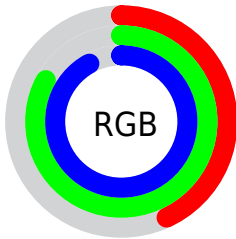
Format	Color
RYB	110, 166, 234
Decimal	7263210
CIELab	79.52, -23.28, -20.37
CIELCh	80, 30.930, 221.192
Yxy	55.8440, 0.2388, 0.2991
Android (android.graphics.Color)	4285453290 (0xFF6ED3EA)
YUV	183.4230, 24.9345, -64.3920
Hunter-Lab	74.7288, -24.2996, -16.1378

Details

The XYZ color **44.5760, 55.8440, 86.2715** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **45.1352, 35.3950, 19.2067**, and the grayscale version is **45.1376, 47.4882, 51.7147**.

A 20% lighter version of the original color is **70.1722, 87.1750, 107.7357**, and **20.9206, 27.5049, 46.3258** is the 20% darker color. If you saturate the color by 10%, you get **40.9766, 52.4104, 85.7995**, and if you desaturate by 10%, it is **48.9767, 59.7362, 86.7919**.

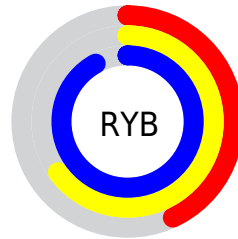
Distribution



Red (43%)

Green (83%)

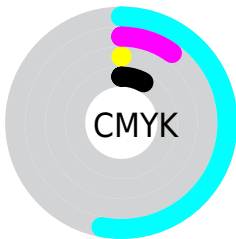
Blue (92%)



Red (43%)

Yellow (65%)

Blue (92%)

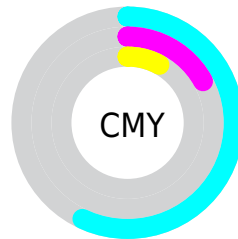


Cyan (53%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (57%)

Magenta (17%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5760, 55.8440, 86.2715 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 44.5760, 55.8440, 86.2715 by changing the saturation by 10% instead.

■ 44.5760, 55.8440,
86.2715

■ 44.5760, 55.8440,
86.2715

355.8663,
409.1033, 536.0799

■ 31.3234, 40.0779,
64.3363

■ 81.3248, 98.7765,
144.0382

■ 20.9983, 27.5993,
46.4752

■ 105.5517,
126.7116, 180.7068

■ 13.2352, 18.0238,
32.2696

■ 134.1675,
159.4718, 223.1236

■ 7.6688, 10.9671,
21.3010

167.5374,
197.4415, 271.7072

■ 3.9338, 6.0447,
13.1508

206.0269,
241.0051, 326.8761

■ 1.6647, 2.8723,
7.4005

250.0013,

■ 0.4341, 1.0654,

290.5470, 389.0488

3.6316

299.8260,
346.4516, 458.6439

■ 0.0000, 0.0000,
1.4255

■ 0.0000, 0.0000,
0.1615

■ 44.5760, 55.8440,
86.2715

■ 44.5760, 55.8440,
86.2715

■ 40.9766, 52.4104,
85.7995

■ 48.9767, 59.7362,
86.7919

■ 38.1109, 49.3968,
85.3688

■ 54.2287, 64.1097,
87.3592

■ 35.9091, 46.7680,
84.9775

■ 60.3841, 68.9928,
87.9773

■ 34.2845, 44.4789,
84.6213

■ 67.4894, 74.4098,
88.6484

■ 33.3950, 43.0277,
84.3880

■ 75.5875, 80.3831,
89.3746

■ 84.7190, 86.9340,
90.1577

■ 87.6607, 90.3391,
90.6599

■ 88.9636, 92.9448,
91.0942

■ 90.2973, 95.6122,
91.5388

Harmonies

Analogous

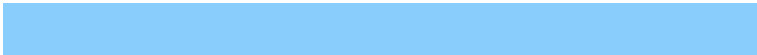
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.1873, 55.8440, 67.6992



44.5760, 55.8440, 86.2715



49.3142, 55.8440, 99.3393

Triad

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



44.5760, 55.8440, 86.2715



65.2253, 55.8440, 72.5314



50.7900, 55.8440, 33.0096

Complementary

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



44.5760, 55.8440, 86.2715



45.1352, 35.3950, 19.2067

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.



57.0287, 55.8440, 33.7996



44.5760, 55.8440, 86.2715



65.6982, 55.8440, 54.3948

Square

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



44.5760, 55.8440, 86.2715



61.3520, 55.8440, 90.3984



62.5978, 55.8440, 40.9186



45.5836, 55.8440, 38.4971

Rectangle

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



44.5760, 55.8440, 86.2715



53.3273, 55.8440, 101.8880



62.5978, 55.8440, 40.9186



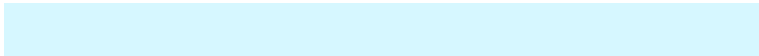
52.8296, 55.8440, 32.5829

Sweetspot

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



44.5778, 55.8461, 86.2728



79.2332, 88.3326, 107.4816



40.0701, 63.8481, 32.3079



16.5724, 18.6128, 22.9691



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.



44.5778, 55.8461, 86.2728



49.2960, 63.1896, 104.2064



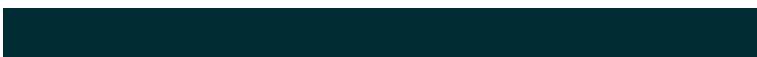
32.0732, 30.8369, 82.1046



15.2664, 16.6192, 19.3254



18.8525, 24.3520, 47.4497



1.5418, 2.0351, 3.7464

Inverse Universe

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



51.2670, 33.3492, 65.3651



58.6036, 34.3012, 74.5733



56.2031, 57.5308, 22.8960



15.5880, 15.2631, 18.3817



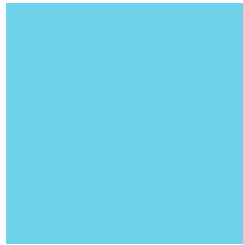
24.3712, 11.9512, 28.8195



1.9447, 0.9509, 2.4264

Previews

White Background



This preview shows how the XYZ color 44.5760, 55.8440, 86.2715 looks on a white background.

Color Contrast Check

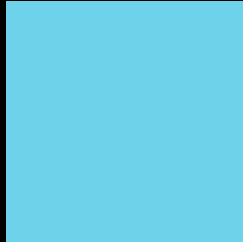
Large Text (above 18pt) WCAG AA × Fail

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 44.5760, 55.8440, 86.2715 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

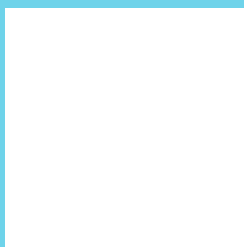
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.5760, 55.8440, 86.2715

Background



This preview shows how black text looks on a background with the XYZ color 44.5760, 55.8440, 86.2715.



This preview shows how white text looks on a background with the XYZ color 44.5760, 55.8440,

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

44.5760, 55.8440, 86.2715

Protanopia

54.0969, 54.9877, 77.5745

Deuteranopia

56.5304, 55.3417, 88.5915



Tritanopia

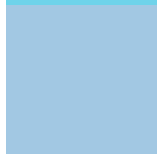
43.8707, 55.9323, 82.6125

Trichromacy



Original Color

44.5760, 55.8440, 86.2715



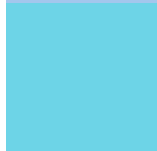
Protanomaly

49.4197, 54.5360, 80.5948



Deuteranomaly

50.8137, 54.7478, 88.0100



Tritanomaly

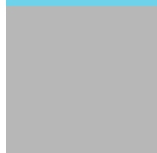
44.2740, 56.1077, 84.0977

Monochromacy



Original Color

44.5760, 55.8440, 86.2715



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

43.4409, 49.4721, 63.1366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5760, 55.8440, 86.2715 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, 211, 234)` looks like.

```
.text, #text, p{  
    color:rgb(110, 211, 234)  
}
```

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, 211, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 211, 234) }
```

Border

The CSS property to change the border of an element to XYZ 44.5760, 55.8440, 86.2715 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, 211, 234) }
```


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

```
.border{ border-color:rgb(110, 211, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 211, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 211, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 211, 234);  
box-shadow:4px 4px 4px 4px rgb(110, 211,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5760, 55.8440, 86.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 211, 234) }
```

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

```
.background{ background-color: rgb(110,  
211, 234) }
```

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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