

Converting Colors

XYZ(52.4089, 55.1359, 86.1747)

Have a look what the booklet for
XYZ(52.4089, 55.1359, 86.1747)
contains.

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Color

**XYZ(52.6450, 55.3850,
86.5129)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC6EB
RGB	174, 198, 235
RGB Percent	68%, 78%, 92%
CMY	0.3176, 0.2235, 0.0784
CMYK	0.26, 0.16, 0.00, 0.08
HSL	216°, 60%, 80%
HSV	216°, 26%, 92%
XYZ	52.6450, 55.3850, 86.5129
YIQ	195.0420, -26.1810, 6.4190

Conversions

Conversions Part 2

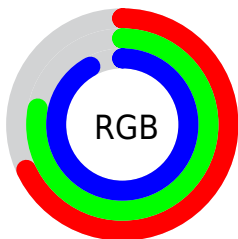
Format	Color
RYB	174, 191, 235
Decimal	11454187
CIELab	79.26, 0.01, -21.00
CIELCh	79, 20.995, 270.023
Yxy	55.3850, 0.2706, 0.2847
Android (android.graphics.Color)	4289644267 (0xFFAEC6EB)
YUV	195.0420, 19.6993, -18.4538
Hunter-Lab	74.4211, -3.9672, -16.8286

Details

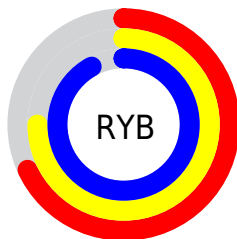
The XYZ color **52.6450, 55.3850, 86.5129** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.1958, 67.3069, 49.6011**, and the grayscale version is **51.7957, 54.4931, 59.3430**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **25.8557, 27.1943, 46.5341** is the 20% darker color. If you saturate the color by 10%, you get **44.7547, 46.7075, 85.2548**, and if you desaturate by 10%, it is **61.7613, 65.1523, 87.9186**.

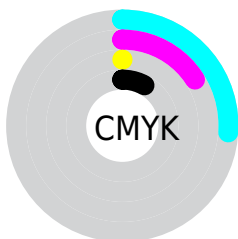
Distribution



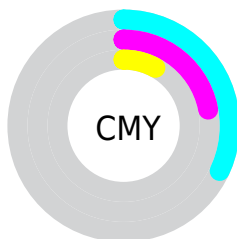
- Red (68%)
- Green (78%)
- Blue (92%)



- Red (68%)
- Yellow (75%)
- Blue (92%)



- Cyan (26%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



- Cyan (32%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6450, 55.3850, 86.5129 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 52.6450, 55.3850, 86.5129 by changing the saturation by 10% instead.

■ 52.6450, 55.3850,
86.5129

■ 52.6450, 55.3850,
86.5129

387.2048,
407.3697, 536.8955

■ 37.7458, 39.7101,
64.5349

■ 93.2504, 98.1048,
144.3779

■ 25.9618, 27.3125,
46.6351

119.6873,
125.9185, 181.1019

■ 16.9276, 17.8081,
32.3950

150.7008,
158.5471, 223.5783

■ 10.2778, 10.8123,
21.3961

186.6563,
196.3752, 272.2257

■ 5.6472, 5.9408,
13.2198

227.9190,
239.7871, 327.4626

■ 2.6704, 2.8091,
7.4475

274.8545,

■ 0.9820, 1.0329,

289.1672, 389.7075

3.6609

327.8280,
344.9000, 459.3789

■ 0.0000, 0.0000,
1.4412

■ 0.0000, 0.0000,
0.1735

■ 52.6450, 55.3850,
86.5129

■ 52.6450, 55.3850,
86.5129

■ 44.7547, 46.7075,
85.2548

■ 61.7613, 65.1523,
87.9186

■ 38.0290, 39.0717,
84.1354

■ 72.1507, 76.0418,
89.4729

■ 32.4088, 32.4355,
83.1507

■ 83.8642, 88.0926,
91.1816

■ 27.8275, 26.7507,
82.2949

■ 91.9956, 98.7782,
92.8156

■ 24.2101, 21.9644,
81.5617

■ 21.4705, 18.0169,
80.9441

■ 19.5037, 14.8380,
80.4342

■ 18.8633, 13.7337,
80.2548

Harmonies

Analogous

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



48.7093, 55.3850, 82.6371



52.6450, 55.3850, 86.5129



56.7863, 55.3850, 82.6257

Triad

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



52.6450, 55.3850, 86.5129



59.9473, 55.3850, 49.4582



45.9523, 55.3850, 49.4722

Complementary

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



52.6450, 55.3850, 86.5129



65.1958, 67.3069, 49.6011

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.



48.7040, 55.3850, 42.4161



52.6450, 55.3850, 86.5129



56.7804, 55.3850, 42.4088

Square

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



52.6450, 55.3850, 86.5129



61.1366, 55.3850, 60.2956



52.6386, 55.3850, 40.0091



44.9727, 55.3850, 60.3141

Rectangle

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



52.6450, 55.3850, 86.5129



59.0752, 55.3850, 76.4165



52.6386, 55.3850, 40.0091



46.6933, 55.3850, 46.6337

Sweetspot

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



52.6467, 55.3872, 86.5142



84.1181, 88.6922, 107.2936



58.8728, 73.0995, 72.3733



17.5893, 18.5502, 22.9034



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.



52.6467, 55.3872, 86.5142



58.2691, 61.0962, 103.3294



48.9784, 45.9870, 84.8931



14.7174, 15.5212, 19.1425



10.6141, 7.8751, 44.7036



0.9248, 0.8011, 3.5408

Inverse Universe

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



59.5914, 52.0129, 60.3272



68.0246, 56.7987, 66.4441



69.6305, 79.1152, 51.6466



15.3109, 15.1522, 16.9225



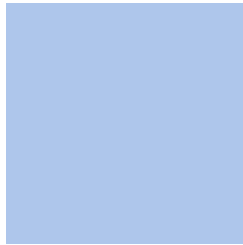
20.2128, 10.2878, 6.9219



1.6333, 0.8263, 0.7863

Previews

White Background



This preview shows how the XYZ color 52.6450, 55.3850, 86.5129 looks on a white background.

Color Contrast Check

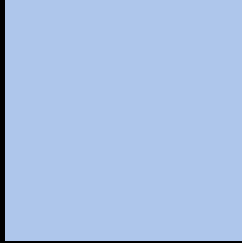
Large Text (above 18pt) WCAG AA × Fail

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 52.6450, 55.3850, 86.5129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

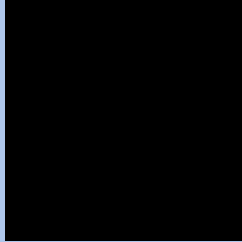
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

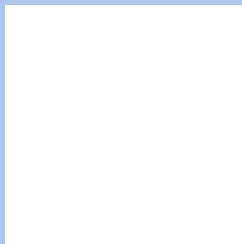
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6450, 55.3850, 86.5129

Background



This preview shows how black text looks on a background with the XYZ color 52.6450, 55.3850, 86.5129.



This preview shows how white text looks on a background with the XYZ color 52.6450, 55.3850,

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

52.6450, 55.3850, 86.5129

Protanopia

54.5963, 55.1011, 84.1020

Deuteranopia

56.4956, 55.3575, 87.0643



Tritanopia

49.9886, 55.3291, 73.6905

Trichromacy



Original Color

52.6450, 55.3850, 86.5129

Protanomaly

53.7515, 54.9807, 84.8701

Deuteranomaly

54.9256, 55.2045, 87.1175

Tritanomaly

50.9034, 55.3483, 78.5214

Monochromacy



Original Color

52.6450, 55.3850, 86.5129

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.8663, 54.6978, 68.7969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6450, 55.3850, 86.5129 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(174, 198, 235)` looks like.

```
.text, #text, p{  
    color:rgb(174, 198, 235)  
}
```

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(174, 198, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 198, 235) }
```

Border

The CSS property to change the border of an element to XYZ 52.6450, 55.3850, 86.5129 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(174, 198, 235) }
```


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

```
.border{ border-color:rgb(174, 198, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 198, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 198, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 198, 235);  
box-shadow:4px 4px 4px 4px rgb(174, 198,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6450, 55.3850, 86.5129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 198, 235) }
```

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

```
.background{ background-color: rgb(174,  
198, 235) }
```

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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