

Converting Colors

XYZ(55.5976, 46.8038, 93.4372)

Have a look what the booklet for
XYZ(55.5976, 46.8038, 93.4372)
contains.

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Color

**XYZ(55.5433, 46.6859,
93.2726)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA5F6
RGB	206, 165, 246
RGB Percent	81%, 65%, 96%
CMY	0.1921, 0.3529, 0.0353
CMYK	0.16, 0.33, 0.00, 0.04
HSL	270°, 82%, 81%
HSV	270°, 33%, 96%
XYZ	55.5433, 46.6859, 93.2726
YIQ	186.4930, -1.5650, 33.8830

Conversions

Conversions Part 2

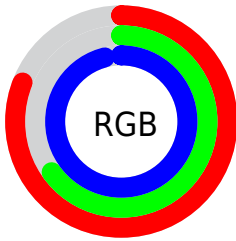
Format	Color
R _Y B	206, 165, 246
Decimal	13542902
CIE Lab	73.99, 30.14, -34.79
CIE LCh	74, 46.034, 310.904
Yxy	46.6859, 0.2841, 0.2388
Android (android.graphics.Color)	4291732982 (0xFFCEA5F6)
YUV	186.4930, 29.3370, 17.1076
Hunter-Lab	68.3271, 25.5308, -33.1072

Details

The XYZ color **55.5433, 46.6859, 93.2726** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.9255, 81.6084, 47.9294**, and the grayscale version is **46.7911, 49.2279, 53.6091**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **27.8529, 22.0637, 50.9348** is the 20% darker color. If you saturate the color by 10%, you get **48.2827, 36.9784, 91.7823**, and if you desaturate by 10%, it is **63.9211, 58.2383, 95.0616**.

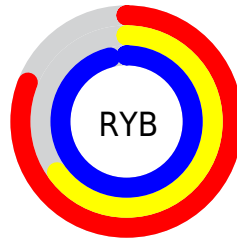
Distribution



Red (81%)

Green (65%)

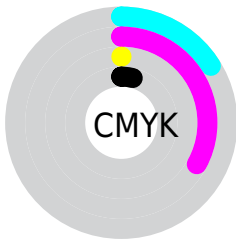
Blue (96%)



Red (81%)

Yellow (65%)

Blue (96%)

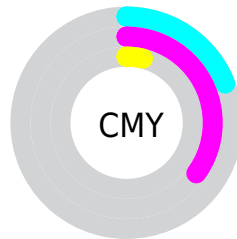


Cyan (16%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (19%)


Magenta (35%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5433, 46.6859, 93.2726 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 55.5433, 46.6859, 93.2726 by changing the saturation by 10% instead.

 55.5433, 46.6859,
93.2726


 55.5433, 46.6859,
93.2726


398.0711,
373.5594, 559.4624

 40.0724, 32.7874,
70.1092


 97.4802, 85.2446,
153.8509

 27.7795, 21.9636,
51.1382


 124.6770,
110.6736, 192.1029

 18.2991, 13.8302,
35.9411


156.5131,
140.7148, 236.2215

 11.2659, 8.0027,
24.0994

193.3539,
175.7528, 286.6253

 6.3146, 4.0966,
15.1945

235.5647,
216.1718, 343.7327

 3.0798, 1.7278,
8.8079

283.5109,

 1.1961, 0.4415,

262.3564, 407.9623

4.5210

337.5580,
314.6907, 479.7327

■ 0.1033, 0.0000,
1.9153

■ 0.0000, 0.0000,
0.5024

■ 55.5433, 46.6859,
93.2726

■ 55.5433, 46.6859,
93.2726

■ 48.2827, 36.9784,
91.7823

■ 63.9211, 58.2383,
95.0616

■ 42.0796, 29.0089,
90.5710

■ 73.4622, 71.7230,
97.1616

■ 36.8754, 22.6678,
89.6213

■ 84.2156, 87.2289,
99.5878

■ 32.6031, 17.8306,
88.9128

■ 93.4860, 99.3572,
101.4401

■ 29.1860, 14.3536,
88.4218

■ 93.6347, 99.4339,
101.4471

■ 26.5322, 12.0632,
88.1195

■ 25.0221, 10.9777,
87.9896

Harmonies

Analogous

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



47.4298, 46.6859, 109.4641



55.5433, 46.6859, 93.2726



61.0399, 46.6859, 67.1186

Triad

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



55.5433, 46.6859, 93.2726



49.7454, 46.6859, 18.9437



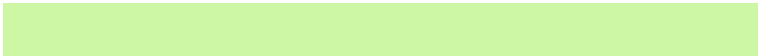
30.5977, 46.6859, 59.8816

Complementary

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



55.5433, 46.6859, 93.2726



64.9255, 81.6084, 47.9294

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.



31.0558, 46.6859, 37.4210



55.5433, 46.6859, 93.2726



41.4515, 46.6859, 18.0906

Square

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



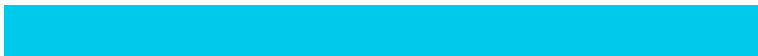
55.5433, 46.6859, 93.2726



57.4175, 46.6859, 26.5889



34.8116, 46.6859, 23.7309



33.4718, 46.6859, 86.5890

Rectangle

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



55.5433, 46.6859, 93.2726



62.1191, 46.6859, 50.1223



34.8116, 46.6859, 23.7309



30.3771, 46.6859, 51.5504

Sweetspot

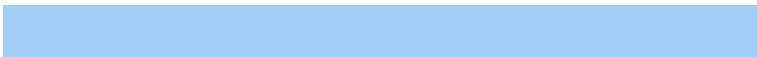
The Sweet Spot groups the original color and five complimentary colors.



55.5449, 46.6878, 93.2736



82.9658, 82.4851, 106.1562



54.1044, 58.5571, 95.6406



17.4177, 17.1670, 22.6455



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.



55.5449, 46.6878, 93.2736



54.5160, 42.9290, 100.0206



68.0969, 53.1587, 93.8611



16.3807, 16.3389, 20.8329



13.5180, 5.9431, 46.9727



1.3067, 0.5835, 4.1340

Inverse Universe

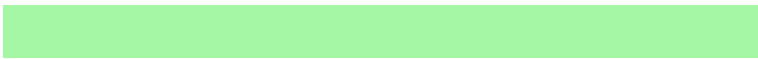
The Inverse Universe completely reimagines the original color for something new.



62.4820, 50.9127, 64.2932



63.4549, 48.3719, 62.7239



55.2659, 76.6286, 47.4773



16.8403, 16.6190, 18.9056



22.2147, 11.2293, 11.1049



2.0043, 1.0077, 1.2489

Previews

White Background



This preview shows how the XYZ color 55.5433, 46.6859, 93.2726 looks on a white background.

Color Contrast Check

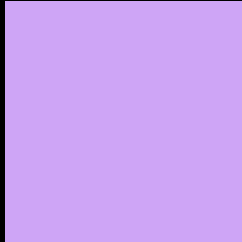
Large Text (above 18pt) WCAG AA × Fail

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 55.5433, 46.6859, 93.2726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

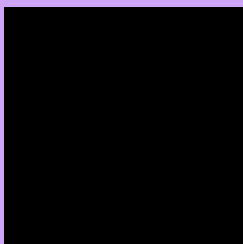
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5433, 46.6859, 93.2726

Background



This preview shows how black text looks on a background with the XYZ color 55.5433, 46.6859, 93.2726.



This preview shows how white text looks on a background with the XYZ color 55.5433, 46.6859,

93.2726.

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

55.5433, 46.6859, 93.2726

Protanopia

48.4682, 46.8311, 101.0925

Deuteranopia

48.0236, 46.8183, 91.2997



Tritanopia

47.8456, 46.6387, 55.1956

Trichromacy



Original Color

55.5433, 46.6859, 93.2726

Protanomaly

50.6112, 46.5305, 98.4092

Deuteranomaly

50.5212, 46.6275, 91.9252

Tritanomaly

50.2048, 46.4376, 67.2900

Monochromacy



Original Color

55.5433, 46.6859, 93.2726

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.2979, 47.7323, 66.2895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5433, 46.6859, 93.2726 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(206, 165, 246)` looks like.

```
.text, #text, p{  
    color:rgb(206, 165, 246)  
}
```

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(206, 165, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 165, 246) }
```

Border

The CSS property to change the border of an element to XYZ 55.5433, 46.6859, 93.2726 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(206, 165, 246) }
```


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

```
.border{ border-color:rgb(206, 165, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 165, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 165, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 165, 246);  
box-shadow:4px 4px 4px 4px rgb(206, 165,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5433, 46.6859, 93.2726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 165, 246) }
```

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

```
.background{ background-color: rgb(206,  
165, 246) }
```

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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