

Converting Colors

XYZ(54.6320, 46.5780, 86.0692)

Have a look what the booklet for
XYZ(54.6320, 46.5780, 86.0692)
contains.

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Color

**XYZ(54.6544, 46.6523,
86.2450)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA6ED
RGB	207, 166, 237
RGB Percent	81%, 65%, 93%
CMY	0.1882, 0.3490, 0.0706
CMYK	0.13, 0.30, 0.00, 0.07
HSL	275°, 66%, 79%
HSV	275°, 30%, 93%
XYZ	54.6544, 46.6523, 86.2450
YIQ	186.3530, 1.6450, 30.7730

Conversions

Conversions Part 2

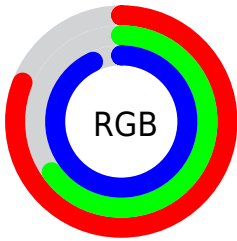
Format	Color
R _Y B	207, 166, 237
Decimal	13608685
CIE Lab	73.97, 27.99, -29.93
CIE LCh	74, 40.984, 313.081
Yxy	46.6523, 0.2914, 0.2487
Android (android.graphics.Color)	4291798765 (0xFFCFA6ED)
YUV	186.3530, 24.9690, 18.1074
Hunter-Lab	68.3025, 23.3031, -27.0533

Details

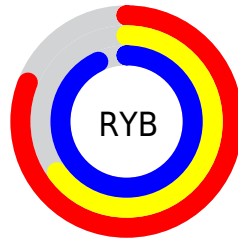
The XYZ color **54.6544, 46.6523, 86.2450** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.9337, 75.0585, 47.4075**, and the grayscale version is **46.7350, 49.1689, 53.5449**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **27.3067, 22.0462, 46.5322** is the 20% darker color. If you saturate the color by 10%, you get **48.0273, 37.4199, 84.8130**, and if you desaturate by 10%, it is **62.2559, 57.5678, 87.9520**.

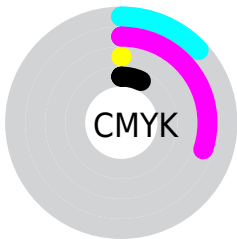
Distribution



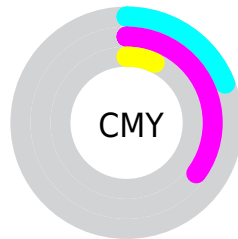
- Red (81%)
- Green (65%)
- Blue (93%)



- Red (81%)
- Yellow (65%)
- Blue (93%)



- Cyan (13%)
- Magenta (30%)
- Yellow (0%)
- Black (7%)





- Cyan (19%)
- Magenta (35%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6544, 46.6523, 86.2450 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 54.6544, 46.6523, 86.2450 by changing the saturation by 10% instead.


 54.6544, 46.6523,
86.2450


 54.6544, 46.6523,
86.2450


394.7583,
373.4249, 535.9904

 39.3578, 32.7609,
64.3145

 96.1857, 85.1944,
144.0009

 27.2202, 21.9433,
46.4577


 123.1511,
110.6138, 180.6634

 17.8761, 13.8153,
32.2559


154.7369,
140.6447, 223.0737

 10.9602, 7.9923,
21.2906

191.3084,
175.6715, 271.6503

 6.1072, 4.0900,
13.1433

233.2309,
216.0785, 326.8117

 2.9516, 1.7240,
7.3954

280.8698,

 1.1282, 0.4392,

262.2501, 388.9765

3.6284

334.5905,
314.5708, 458.5632

■ 0.0485, 0.0000,
1.4238

■ 0.0000, 0.0000,
0.1602

■ 54.6544, 46.6523,
86.2450

■ 54.6544, 46.6523,
86.2450

■ 48.0273, 37.4199,
84.8130

■ 62.2559, 57.5678,
87.9520

■ 42.3230, 29.7756,
83.6381

■ 70.8706, 70.2427,
89.9445

■ 37.4919, 23.6240,
82.7054

■ 80.5408, 84.7558,
92.2361

■ 33.4771, 18.8564,
81.9968

■ 89.4249, 97.4194,
94.2122

■ 30.2141, 15.3492,
81.4918

■ 92.2862, 98.8945,
94.3461

■ 27.6264, 12.9550,
81.1660

■ 25.5878, 11.4268,
80.9785

■ 25.5795, 11.4209,
80.9778

Harmonies

Analogous

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



47.6004, 46.6523, 100.9752



54.6544, 46.6523, 86.2450



59.1981, 46.6523, 63.4378

Triad

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



54.6544, 46.6523, 86.2450



48.5601, 46.6523, 21.1920



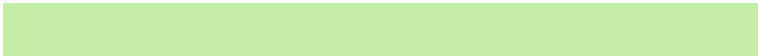
32.0087, 46.6523, 60.4655

Complementary

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



54.6544, 46.6523, 86.2450



59.9337, 75.0585, 47.4075

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.



32.2052, 46.6523, 39.9570



54.6544, 46.6523, 86.2450



41.2350, 46.6523, 20.8048

Square

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



54.6544, 46.6523, 86.2450



55.4232, 46.6523, 27.9592



35.4153, 46.6523, 26.6983



34.8454, 46.6523, 83.5603

Rectangle

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



54.6544, 46.6523, 86.2450



59.9141, 46.6523, 48.6626



35.4153, 46.6523, 26.6983



31.7323, 46.6523, 52.9918

Sweetspot

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



54.6559, 46.6542, 86.2460



84.6826, 84.4283, 106.4408



50.9270, 54.0499, 87.8701



17.7875, 17.5684, 22.7035



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.



54.6559, 46.6542, 86.2460



59.5639, 48.1165, 100.7558



63.1660, 51.1202, 83.0816



15.0643, 14.9784, 19.0194



14.1184, 6.3142, 44.2176



1.2181, 0.5522, 3.4773

Inverse Universe

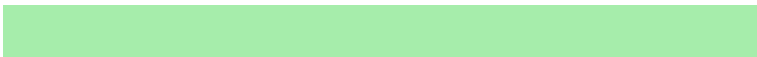
The Inverse Universe completely reimagines the original color for something new.



58.5266, 49.2645, 58.6510



65.0322, 51.7892, 62.4393



53.3370, 71.6067, 49.4074



15.3296, 15.1597, 17.0207



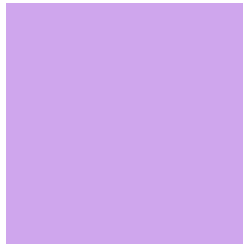
20.3898, 10.3586, 7.8540



1.6482, 0.8323, 0.8649

Previews

White Background



This preview shows how the XYZ color 54.6544, 46.6523, 86.2450 looks on a white background.

Color Contrast Check

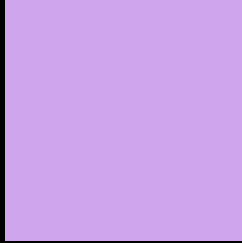
Large Text (above 18pt) WCAG AA × Fail

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 54.6544, 46.6523, 86.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

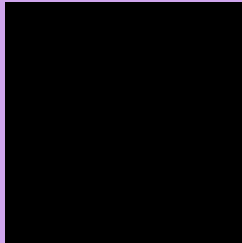
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6544, 46.6523, 86.2450

Background



This preview shows how black text looks on a background with the XYZ color 54.6544, 46.6523, 86.2450.



This preview shows how white text looks on a background with the XYZ color 54.6544, 46.6523,

86.2450.

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

54.6544, 46.6523, 86.2450

Protanopia

48.0101, 47.0393, 94.5448

Deuteranopia

47.9846, 46.9514, 84.3754



Tritanopia

48.0685, 46.4762, 54.5814

Trichromacy



Original Color

54.6544, 46.6523, 86.2450

Protanomaly

49.8677, 46.5960, 91.1596

Deuteranomaly

50.1390, 46.5845, 84.9464

Tritanomaly

50.2502, 46.5178, 64.7229

Monochromacy



Original Color

54.6544, 46.6523, 86.2450

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.3877, 48.1173, 64.4422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6544, 46.6523, 86.2450 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(207, 166, 237)` looks like.

```
.text, #text, p{  
    color:rgb(207, 166, 237)  
}
```

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(207, 166, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 166, 237) }
```

Border

The CSS property to change the border of an element to XYZ 54.6544, 46.6523, 86.2450 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(207, 166, 237) }
```


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

```
.border{ border-color:rgb(207, 166, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 166, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 166, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 166, 237);  
box-shadow:4px 4px 4px 4px rgb(207, 166,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6544, 46.6523, 86.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 166, 237) }
```

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

```
.background{ background-color: rgb(207,  
166, 237) }
```

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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