

Converting Colors

XYZ(54.0831, 43.8014, 82.7724)

Have a look what the booklet for
XYZ(54.0831, 43.8014, 82.7724)
contains.

XYZ(54.0370, 43.8063, 82.6982)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.0370, 43.8063,
82.6982)**

Conversions

Conversions Part 1

Format	Color
Hex	D59CE9
RGB	213, 156, 233
RGB Percent	84%, 61%, 91%
CMY	0.1647, 0.3882, 0.0863
CMYK	0.09, 0.33, 0.00, 0.09
HSL	284°, 64%, 76%
HSV	284°, 33%, 91%
XYZ	54.0370, 43.8063, 82.6982
YIQ	181.8210, 9.2550, 36.0310

Conversions

Conversions Part 2

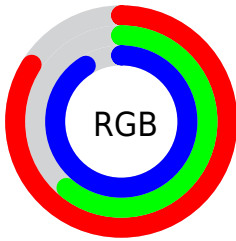
Format	Color
RYB	213, 156, 233
Decimal	13999337
CIELab	72.10, 34.47, -30.58
CIELCh	72, 46.084, 318.423
Yxy	43.8063, 0.2993, 0.2426
Android (android.graphics.Color)	4292189417 (0xFFD59CE9)
YUV	181.8210, 25.2312, 27.3440
Hunter-Lab	66.1863, 29.9080, -27.7510

Details

The XYZ color **54.0370, 43.8063, 82.6982** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **53.0457, 69.9094, 42.1527**, and the grayscale version is **44.2310, 46.5344, 50.6760**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **26.7908, 20.2431, 44.0902** is the 20% darker color. If you saturate the color by 10%, you get **48.7733, 35.8357, 81.4378**, and if you desaturate by 10%, it is **60.1190, 53.3142, 84.2135**.

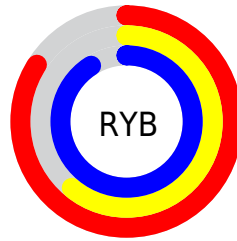
Distribution



Red (84%)

Green (61%)

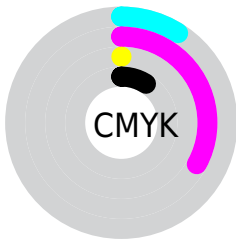
Blue (91%)



Red (84%)

Yellow (61%)

Blue (91%)

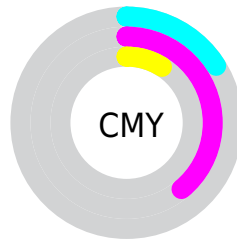


Cyan (9%)

Magenta (33%)

Yellow (0%)

Black (9%)



Cyan (16%)


Magenta (39%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0370, 43.8063, 82.6982 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 54.0370, 43.8063, 82.6982 by changing the saturation by 10% instead.


 54.0370, 43.8063,
82.6982


 54.0370, 43.8063,
82.6982


392.4471,
361.9173, 523.9248

 38.8620, 30.5183,
61.4020

 95.2851, 80.9262,
138.9981

 26.8327, 20.2323,
44.1171


 122.0890,
105.5268, 174.8390

 17.5835, 12.5640,
30.4247


153.4999,
134.6671, 216.3652

 10.7493, 7.1290,
19.9064

189.8832,
168.7315, 263.9952

 5.9645, 3.5429,
12.1436

231.6042,
208.1043, 318.1477

 2.8640, 1.4213,
6.7178

279.0283,

 1.0822, 0.2324,

253.1699, 379.2410

3.2105

332.5208,
304.3128, 447.6939

■ 0.0102, 0.0000,
1.2031

■ 0.0000, 0.0000,
0.0000

■ 54.0370, 43.8063,
82.6982

■ 54.0370, 43.8063,
82.6982

■ 48.7733, 35.8357,
81.4378

■ 60.1190, 53.3142,
84.2135

■ 44.2799, 29.3104,
80.4151

■ 67.0552, 64.4333,
85.9942

■ 40.5101, 24.1371,
79.6153

■ 74.8846, 77.2395,
88.0533

■ 37.4099, 20.2091,
79.0205

■ 83.6424, 91.8021,
90.4026

■ 34.9173, 17.4032,
78.6103

■ 87.5207, 96.5046,
91.1059

■ 32.9573, 15.5706,
78.3599

■ 89.6470, 97.6007,
91.2054

■ 31.8271, 14.7084,
78.2530

■ 91.7081, 98.6632,
91.3018

Harmonies

Analogous

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



46.6133, 43.8063, 101.8801



54.0370, 43.8063, 82.6982



58.3226, 43.8063, 56.9513

Triad

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



54.0370, 43.8063, 82.6982



44.7534, 43.8063, 16.5557



28.8470, 43.8063, 62.7752

Complementary

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



54.0370, 43.8063, 82.6982



53.0457, 69.9094, 42.1527

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.



28.4817, 43.8063, 39.5048



54.0370, 43.8063, 82.6982



37.0273, 43.8063, 17.2273

Square

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



54.0370, 43.8063, 82.6982



52.5283, 43.8063, 22.0345



31.2951, 43.8063, 24.2985



32.3652, 43.8063, 88.1024

Rectangle

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



54.0370, 43.8063, 82.6982



58.5041, 43.8063, 41.6168



31.2951, 43.8063, 24.2985



28.3694, 43.8063, 54.3437

Sweetspot

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



54.0384, 43.8082, 82.6992



85.0529, 83.5611, 106.2539



44.0502, 44.2133, 83.3038



17.9235, 17.4278, 22.6692



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.



54.0384, 43.8082, 82.6992



61.5970, 46.5794, 100.3519



57.7641, 46.0104, 70.1501



15.3108, 15.1055, 19.0309



18.1809, 8.4085, 44.4077



1.5165, 0.7061, 3.4912

Inverse Universe

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



53.3307, 44.2371, 46.8041



60.8180, 47.3172, 48.8378



50.4875, 68.4016, 50.5712



15.2261, 15.1183, 16.4757



19.5814, 10.0353, 3.5971



1.5759, 0.8033, 0.4842

Previews

White Background



This preview shows how the XYZ color 54.0370, 43.8063, 82.6982 looks on a white background.

Color Contrast Check

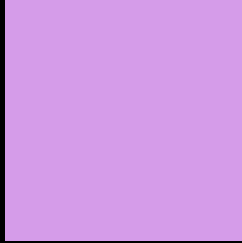
Large Text (above 18pt) WCAG AA × Fail

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 54.0370, 43.8063, 82.6982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

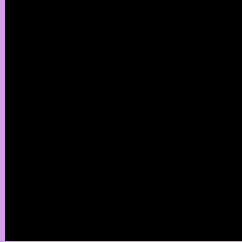
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0370, 43.8063, 82.6982

Background



This preview shows how black text looks on a background with the XYZ color 54.0370, 43.8063, 82.6982.



This preview shows how white text looks on a background with the XYZ color 54.0370, 43.8063,

82.6982.

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

54.0370, 43.8063, 82.6982

Protanopia

45.6360, 44.3439, 94.1496

Deuteranopia

45.1449, 44.0923, 80.9942



Tritanopia

47.2338, 43.9119, 49.1664

Trichromacy



Original Color

54.0370, 43.8063, 82.6982



Protanomaly

47.9341, 43.6462, 89.9026



Deuteranomaly

47.7710, 43.4742, 81.4749



Tritanomaly

49.4184, 43.7278, 59.8685

Monochromacy



Original Color

54.0370, 43.8063, 82.6982



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.4785, 45.4416, 61.5271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0370, 43.8063, 82.6982 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(213, 156, 233)` looks like.

```
.text, #text, p{  
    color:rgb(213, 156, 233)  
}
```

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(213, 156, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 156, 233) }
```

Border

The CSS property to change the border of an element to XYZ 54.0370, 43.8063, 82.6982 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(213, 156, 233) }
```


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

```
.border{ border-color:rgb(213, 156, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 156, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 156, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 156, 233);  
box-shadow:4px 4px 4px 4px rgb(213, 156,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0370, 43.8063, 82.6982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 156, 233) }
```

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

```
.background{ background-color: rgb(213,  
156, 233) }
```

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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