

Converting Colors

XYZ(14.4304, 8.5360, 54.3444)

Have a look what the booklet for
XYZ(14.4304, 8.5360, 54.3444)
contains.

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Color

**XYZ(14.3786, 8.4810,
54.3053)**

Conversions

Conversions Part 1

Format	Color
Hex	483AC6
RGB	72, 58, 198
RGB Percent	28%, 23%, 78%
CMY	0.7176, 0.7726, 0.2235
CMYK	0.64, 0.71, 0.00, 0.22
HSL	246°, 55%, 50%
HSV	246°, 71%, 78%
XYZ	14.3786, 8.4810, 54.3053
YIQ	78.1460, -36.5960, 46.5080

Conversions

Conversions Part 2

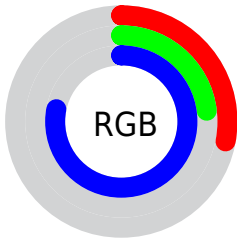
Format	Color
R _{YB}	72, 58, 198
Decimal	4733638
CIE _{Lab}	34.97, 46.74, -70.74
CIE _{LCh}	35, 84.784, 303.455
Yxy	8.4810, 0.1863, 0.1099
Android (android.graphics.Color)	4282923718 (0xFF483AC6)
YUV	78.1460, 59.0880, -5.3900
Hunter-Lab	29.1222, 37.1678, -90.1750

Details

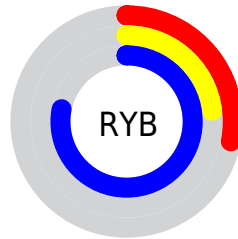
The XYZ color **14.3786, 8.4810, 54.3053** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **40.7230, 50.8831, 11.6779**, and the grayscale version is **7.1664, 7.5396, 8.2106**.

A 20% lighter version of the original color is **33.1392, 22.8037, 97.2627**, and **5.0776, 2.2225, 26.1480** is the 20% darker color. If you saturate the color by 10%, you get **12.4240, 6.2657, 53.9810**, and if you desaturate by 10%, it is **17.1028, 11.6624, 54.7760**.

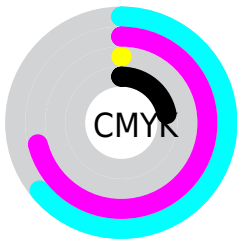
Distribution



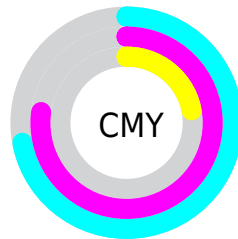
- Red (28%)
- Green (23%)
- Blue (78%)



- Red (28%)
- Yellow (23%)
- Blue (78%)



- Cyan (64%)
- Magenta (71%)
- Yellow (0%)
- Black (22%)



- Cyan (72%)
- Magenta (77%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3786, 8.4810, 54.3053 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 14.3786, 8.4810, 54.3053 by changing the saturation by 10% instead.

■ 14.3786, 8.4810,
54.3053

■ 14.3786, 8.4810,
54.3053

213.0374,
179.4575, 420.4806

■ 8.4679, 4.4042,
38.4510

■ 33.3400, 22.8961,
97.9833

■ 4.4501, 1.9022,
26.0283

■ 47.1214, 34.0033,
126.6440

■ 1.9598, 0.5497,
16.6189

■ 64.2571, 48.2227,
160.4106

■ 0.6112, 0.0000,
9.8041

■ 85.1124, 65.9388,
199.7016

■ 0.0000, 0.0000,
5.1653

■ 110.0528, 87.5359,
244.9356

■ 0.0000, 0.0000,
2.2842

■ 139.4435,

■ 0.0000, 0.0000,

113.3985, 296.5311

0.7223

173.6499,
143.9109, 354.9066

■ 0.0000, 0.0000,
0.0000

■ 14.3786, 8.4810,
54.3053

■ 14.3786, 8.4810,
54.3053

■ 12.4240, 6.2657,
53.9810

■ 17.1028, 11.6624,
54.7760

■ 11.1564, 4.9046,
53.7851

■ 20.6646, 15.9036,
55.4069

■ 10.4778, 4.2240,
53.6895

■ 25.1262, 21.2878,
56.2110

■ 30.5437, 27.8899,
57.1999

■ 36.9682, 35.7783,
58.3838

■ 44.4474, 45.0162,
59.7727

■ 53.0260, 55.6628,
61.3756

■ 62.7459, 67.7737,
63.2010

■ 73.6469, 81.4016,
65.2568

Harmonies

Analogous

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



8.6366, 8.4810, 69.8622



14.3786, 8.4810, 54.3053



19.6248, 8.4810, 27.0711

Triad

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



14.3786, 8.4810, 54.3053



12.9927, 8.4810, 0.0000



1.8728, 8.4810, 10.9408

Complementary

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



14.3786, 8.4810, 54.3053



40.7230, 50.8831, 11.6779

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.



2.2625, 8.4810, 1.6994



14.3786, 8.4810, 54.3053



7.5114, 8.4810, 0.0000

Square

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



14.3786, 8.4810, 54.3053



18.6244, 8.4810, 0.9470



3.9328, 8.4810, 0.0000



2.5123, 8.4810, 33.1980

Rectangle

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



14.3786, 8.4810, 54.3053



21.3431, 8.4810, 12.6284



3.9328, 8.4810, 0.0000



1.8894, 8.4810, 6.5105

Sweetspot

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



14.3791, 8.4812, 54.3055



64.7203, 62.4412, 103.2490



29.0785, 39.2578, 59.4713



13.1375, 12.4851, 21.9674



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.



14.3791, 8.4812, 54.3055



20.6109, 9.5810, 95.3707



22.8613, 12.8539, 54.7025



10.1535, 10.3374, 13.3777



6.8482, 2.7646, 34.9170



0.3586, 0.1486, 1.6549

Inverse Universe

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



33.4526, 18.4921, 47.1488



56.6936, 28.5633, 79.8492



27.8972, 44.2712, 11.0776



11.0356, 10.7976, 13.1707



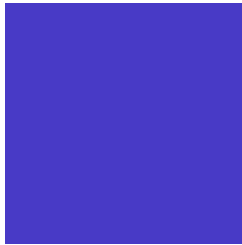
20.4015, 9.9102, 28.3877



0.9796, 0.4747, 1.4156

Previews

White Background



This preview shows how the XYZ color 14.3786, 8.4810, 54.3053 looks on a white background.

Color Contrast Check

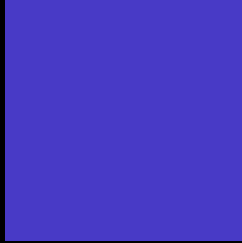
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 14.3786, 8.4810, 54.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

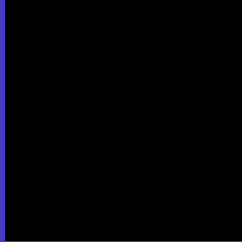
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3786, 8.4810, 54.3053

Background



This preview shows how black text looks on a background with the XYZ color 14.3786, 8.4810, 54.3053.



This preview shows how white text looks on a background with the XYZ color 14.3786, 8.4810,

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

14.3786, 8.4810, 54.3053

Protanopia

9.7710, 8.3820, 37.6621

Deuteranopia

8.1282, 8.3238, 27.1649



Tritanopia

5.9457, 8.3640, 12.8563

Trichromacy



Original Color

14.3786, 8.4810, 54.3053

Protanomaly

10.7151, 7.9404, 43.0874

Deuteranomaly

9.5529, 7.8961, 35.6709

Tritanomaly

7.5251, 7.5328, 23.6116

Monochromacy



Original Color

14.3786, 8.4810, 54.3053

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

8.7466, 7.4481, 19.3890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3786, 8.4810, 54.3053 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(72, 58, 198)` looks like.

```
.text, #text, p{  
    color:rgb(72, 58, 198)  
}
```

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(72, 58, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 58, 198) }
```

Border

The CSS property to change the border of an element to XYZ 14.3786, 8.4810, 54.3053 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(72, 58, 198) }
```


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

```
.border{ border-color:rgb(72, 58, 198) }
```

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

Here you see how a box with a 4 pixel rgb(72, 58, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 58, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 58, 198);  
box-shadow:4px 4px 4px 4px rgb(72, 58,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3786, 8.4810, 54.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 58, 198) }
```

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

```
.background{ background-color: rgb(72, 58,  
198) }
```

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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