

Converting Colors

XYZ(14.4380, 8.8151, 48.9144)

Have a look what the booklet for
XYZ(14.4380, 8.8151, 48.9144)
contains.

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Color

**XYZ(14.4573, 8.7907,
49.0789)**

Conversions

Conversions Part 1

Format	Color
Hex	543CBD
RGB	84, 60, 189
RGB Percent	33%, 24%, 74%
CMY	0.6706, 0.7647, 0.2588
CMYK	0.56, 0.68, 0.00, 0.26
HSL	251°, 52%, 49%
HSV	251°, 68%, 74%
XYZ	14.4573, 8.7907, 49.0789
YIQ	81.8820, -27.1050, 45.2070

Conversions

Conversions Part 2

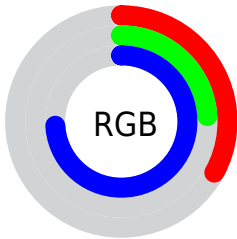
Format	Color
R_{YB}	84, 60, 189
Decimal	5520573
CIE _{Lab}	35.58, 44.58, -64.42
CIE _{LCh}	36, 78.342, 304.686
Yxy	8.7907, 0.1999, 0.1215
Android (android.graphics.Color)	4283710653 (0xFF543CBD)
YUV	81.8820, 52.8092, 1.8575
Hunter-Lab	29.6491, 35.1530, -77.3898

Details

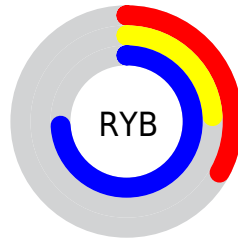
The XYZ color **14.4573, 8.7907, 49.0789** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **34.5296, 44.7206, 11.0871**, and the grayscale version is **7.8986, 8.3099, 9.0495**.

A 20% lighter version of the original color is **33.4309, 23.4307, 89.9494**, and **4.4595, 2.0155, 22.7082** is the 20% darker color. If you saturate the color by 10%, you get **12.4092, 6.5184, 48.7485**, and if you desaturate by 10%, it is **17.1622, 11.9263, 49.5418**.

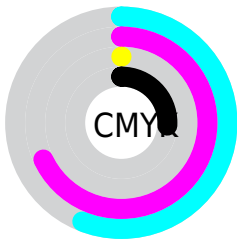
Distribution



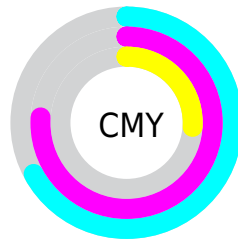
- Red (33%)
- Green (24%)
- Blue (74%)



- Red (33%)
- Yellow (24%)
- Blue (74%)



- Cyan (56%)
- Magenta (68%)
- Yellow (0%)
- Black (26%)



- Cyan (67%)
- Magenta (76%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4573, 8.7907, 49.0789 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 14.4573, 8.7907, 49.0789 by changing the saturation by 10% instead.

■ 14.4573, 8.7907,
49.0789

■ 14.4573, 8.7907,
49.0789

■ 213.5116,
181.8088, 399.6842

■ 8.5232, 4.6049,
34.3160

■ 33.4778, 23.4946,
90.1908

■ 4.4861, 2.0174,
22.8572

■ 47.2949, 34.7814,
117.3770

■ 1.9807, 0.6175,
14.2838

■ 64.4705, 49.2041,
149.5413

■ 0.6231, 0.0000,
8.1773

■ 85.3698, 67.1471,
187.1023

■ 0.0000, 0.0000,
4.1192

■ 110.3582, 88.9946,
230.4785

■ 0.0000, 0.0000,
1.6910

■ 139.8010,

■ 0.0000, 0.0000,

115.1311, 280.0886

0.3545

174.0637,
145.9410, 336.3510

■ 0.0000, 0.0000,
0.0000

■ 14.4573, 8.7907,
49.0789

■ 14.4573, 8.7907,
49.0789

■ 12.4092, 6.5184,
48.7485

■ 17.1622, 11.9263,
49.5418

■ 10.9569, 5.0190,
48.5356

■ 20.5745, 16.0015,
50.1485

■ 10.0152, 4.1551,
48.4185

■ 24.7414, 21.0851,
50.9101

■ 9.8842, 4.0344,
48.4021

■ 29.7053, 27.2388,
51.8363

■ 35.5056, 34.5198,
52.9360

■ 42.1791, 42.9807,
54.2174

■ 49.7601, 52.6712,
55.6883

■ 58.2812, 63.6380,
57.3559

■ 67.7734, 75.9251,
59.2273

Harmonies

Analogous

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



9.0979, 8.7907, 63.3988



14.4573, 8.7907, 49.0789



19.1536, 8.7907, 24.9735

Triad

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



14.4573, 8.7907, 49.0789



12.7296, 8.7907, 0.0000



2.2818, 8.7907, 11.7906

Complementary

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



14.4573, 8.7907, 49.0789



34.5296, 44.7206, 11.0871

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.



2.6440, 8.7907, 2.3181



14.4573, 8.7907, 49.0789



7.6542, 8.7907, 0.0000

Square

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



14.4573, 8.7907, 49.0789



17.9262, 8.7907, 1.1869



4.2693, 8.7907, 0.0000



2.9935, 8.7907, 32.3907

Rectangle

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



14.4573, 8.7907, 49.0789



20.5969, 8.7907, 12.1106



4.2693, 8.7907, 0.0000



2.2854, 8.7907, 7.4148

Sweetspot

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



14.4578, 8.7909, 49.0791



61.3179, 58.9601, 94.3749



24.5673, 31.6717, 52.9627



12.5442, 11.8720, 20.1729



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.4578, 8.7909, 49.0791



20.7831, 10.1543, 87.0908



23.0412, 13.2158, 49.4808



9.1777, 9.3085, 11.9852



6.6988, 2.7394, 32.5686



0.3134, 0.1336, 1.2781

Inverse Universe

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



29.3935, 16.7671, 37.2828



49.8068, 25.7096, 61.6561



24.3634, 39.4797, 10.6113



9.8517, 9.6650, 11.6083



18.0615, 8.8558, 21.4153



0.7276, 0.3549, 0.9446

Previews

White Background



This preview shows how the XYZ color 14.4573, 8.7907, 49.0789 looks on a white background.

Color Contrast Check

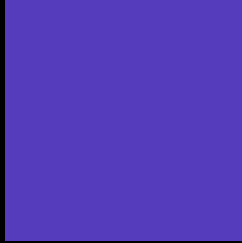
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4573, 8.7907, 49.0789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

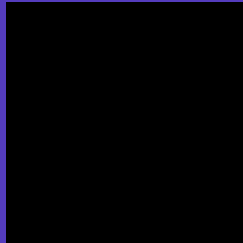
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4573, 8.7907, 49.0789

Background



This preview shows how black text looks on a background with the XYZ color 14.4573, 8.7907, 49.0789.



This preview shows how white text looks on a background with the XYZ color 14.4573, 8.7907,

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

14.4573, 8.7907, 49.0789

Protanopia

10.1981, 8.7871, 39.1888

Deuteranopia

8.5942, 8.7622, 28.8421



Tritanopia

7.1292, 8.8535, 12.6424

Trichromacy



Original Color

14.4573, 8.7907, 49.0789

Protanomaly

10.8834, 8.2307, 42.6100

Deuteranomaly

9.7405, 8.2077, 35.2533

Tritanomaly

8.8119, 8.2278, 22.2428

Monochromacy



Original Color

14.4573, 8.7907, 49.0789

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

9.4672, 8.1170, 19.1569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4573, 8.7907, 49.0789 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(84, 60, 189) looks like.

```
.text, #text, p{  
    color:rgb(84, 60, 189)  
}
```

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(84, 60, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 60, 189) }
```

Border

The CSS property to change the border of an element to XYZ 14.4573, 8.7907, 49.0789 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(84, 60, 189) }
```


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

```
.border{ border-color:rgb(84, 60, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 60, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 60, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 60, 189);  
box-shadow:4px 4px 4px 4px rgb(84, 60,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4573, 8.7907, 49.0789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 60, 189) }
```

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

```
.background{ background-color: rgb(84, 60,  
189) }
```

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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