

Converting Colors

XYZ(14.1770, 11.2282, 40.6664)

Have a look what the booklet for
XYZ(14.1770, 11.2282, 40.6664)
contains.

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Color

**XYZ(14.1746, 11.2694,
40.4579)**

Conversions

Conversions Part 1

Format	Color
Hex	5255AC
RGB	82, 85, 172
RGB Percent	32%, 33%, 67%
CMY	0.6784, 0.6667, 0.3255
CMYK	0.52, 0.51, 0.00, 0.33
HSL	238°, 35%, 50%
HSV	238°, 52%, 67%
XYZ	14.1746, 11.2694, 40.4579
YIQ	94.0210, -29.7150, 26.4210

Conversions

Conversions Part 2

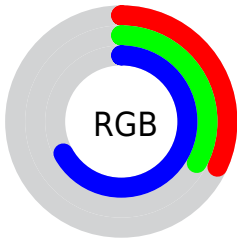
Format	Color
R_{YB}	82, 85, 172
Decimal	5395884
CIE _{Lab}	40.03, 23.64, -47.18
CIE _{LCh}	40, 52.771, 296.614
Yxy	11.2694, 0.2151, 0.1710
Android (android.graphics.Color)	4283585964 (0xFF5255AC)
YUV	94.0210, 38.4436, -10.5424
Hunter-Lab	33.5699, 16.6226, -47.9563

Details

The XYZ color **14.1746, 11.2694, 40.4579** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **32.7253, 37.7575, 13.5467**, and the grayscale version is **10.5618, 11.1118, 12.1008**.

A 20% lighter version of the original color is **32.9841, 28.2477, 77.1127**, and **4.3571, 2.9879, 17.7998** is the 20% darker color. If you saturate the color by 10%, you get **11.7033, 8.2753, 40.0105**, and if you desaturate by 10%, it is **17.3293, 15.0726, 41.0260**.

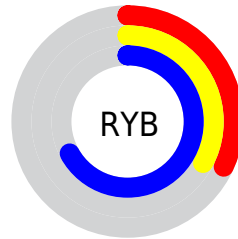
Distribution



Red (32%)

Green (33%)

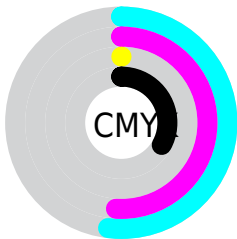
Blue (67%)



Red (32%)

Yellow (33%)

Blue (67%)

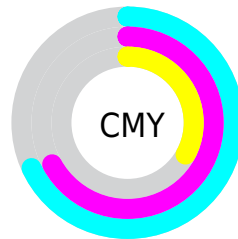


Cyan (52%)

Magenta (51%)

Yellow (0%)

Black (33%)



Cyan (68%)

Magenta (67%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1746, 11.2694, 40.4579 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 14.1746, 11.2694, 40.4579 by changing the saturation by 10% instead.

■ 14.1746, 11.2694,
40.4579

■ 14.1746, 11.2694,
40.4579

211.8033,
199.5066, 363.6591

■ 8.3247, 6.2483,
27.5792

■ 32.9822, 28.1573,
77.1050

■ 4.3570, 2.9967,
17.7725

■ 46.6706, 40.7929,
101.7105

■ 1.9060, 1.1300,
10.6190

■ 63.7026, 56.7354,
131.0620

■ 0.5803, 0.0034,
5.7003

■ 84.4435, 76.3694,
165.5781

■ 0.0000, 0.0000,
2.5979

■ 109.2586,
100.0790, 205.6774

■ 0.0000, 0.0000,
0.8914

138.5134,

■ 0.0000, 0.0000,

128.2489, 251.7782

0.0000

172.5732,
161.2633, 304.2993

■ 14.1746, 11.2694,
40.4579

■ 14.1746, 11.2694,
40.4579

■ 11.7033, 8.2753,
40.0105

■ 17.3293, 15.0726,
41.0260

■ 9.8635, 6.0308,
39.6742

■ 21.2114, 19.7366,
41.7216

■ 8.5983, 4.4698,
39.4396

■ 25.8627, 25.3098,
42.5522

■ 7.8398, 3.5144,
39.2952

■ 31.3217, 31.8371,
43.5244

■ 7.5086, 3.1029,
39.2332

■ 37.6240, 39.3601,
44.6443

■ 44.8034, 47.9182,
45.9178

■ 52.8916, 57.5483,
47.3503

■ 61.9188, 68.2859,
48.9470

■ 71.9139, 80.1645,
50.7130

Harmonies

Analogous

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



10.3019, 11.2694, 45.2799



14.1746, 11.2694, 40.4579



17.7086, 11.2694, 26.9951

Triad

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



14.1746, 11.2694, 40.4579



15.0581, 11.2694, 1.9741



5.1198, 11.2694, 11.1208

Complementary

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



14.1746, 11.2694, 40.4579



32.7253, 37.7575, 13.5467

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.



5.8531, 11.2694, 4.1981



14.1746, 11.2694, 40.4579



11.1313, 11.2694, 1.1535

Square

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



14.1746, 11.2694, 40.4579



18.2948, 11.2694, 5.2868



7.8636, 11.2694, 1.6432



5.5803, 11.2694, 23.6630

Rectangle

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



14.1746, 11.2694, 40.4579



19.0967, 11.2694, 17.5393



7.8636, 11.2694, 1.6432



5.2297, 11.2694, 8.1791

Sweetspot

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



14.1751, 11.2698, 40.4582



52.7170, 52.8514, 78.2286



25.3942, 34.1639, 42.7923



11.0304, 10.9762, 16.9249



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



14.1751, 11.2698, 40.4582



20.5466, 14.1798, 72.4598



18.7767, 13.2991, 40.6074



7.5995, 7.7984, 10.0574



5.5957, 2.3253, 29.1984



0.1624, 0.0782, 0.8145

Inverse Universe

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



21.6707, 15.4619, 10.4368



35.7105, 22.8023, 11.6942



25.4821, 34.8606, 13.3693



8.0156, 8.0195, 8.3932



12.6881, 6.5378, 0.7370



0.3564, 0.1832, 0.0385

Previews

White Background



This preview shows how the XYZ color 14.1746, 11.2694, 40.4579 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 × Fail

Black Background



This preview shows how the XYZ color 14.1746, 11.2694, 40.4579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

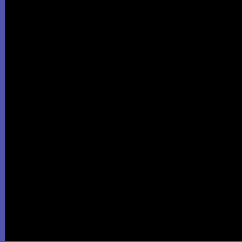
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1746, 11.2694, 40.4579

Background



This preview shows how black text looks on a background with the XYZ color 14.1746, 11.2694, 40.4579.



This preview shows how white text looks on a background with the XYZ color 14.1746, 11.2694,

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

14.1746, 11.2694, 40.4579

Protanopia

12.9037, 11.2774, 43.6161

Deuteranopia

11.5103, 11.3159, 39.1136



Tritanopia

9.1884, 11.1892, 15.8628

Trichromacy



Original Color

14.1746, 11.2694, 40.4579

Protanomaly

13.2125, 11.2092, 42.5415

Deuteranomaly

11.8822, 10.9686, 39.5211

Tritanomaly

10.6432, 11.0883, 23.0520

Monochromacy



Original Color

14.1746, 11.2694, 40.4579

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.4704, 11.0610, 19.9428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1746, 11.2694, 40.4579 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(82, 85, 172)` looks like.

```
.text, #text, p{  
    color:rgb(82, 85, 172)  
}
```

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(82, 85, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 85, 172) }
```

Border

The CSS property to change the border of an element to XYZ 14.1746, 11.2694, 40.4579 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(82, 85, 172) }
```


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

```
.border{ border-color:rgb(82, 85, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 85, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 85, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 85, 172);  
box-shadow:4px 4px 4px 4px rgb(82, 85,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1746, 11.2694, 40.4579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 85, 172) }
```

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

```
.background{ background-color: rgb(82, 85,  
172) }
```

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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