

Converting Colors

XYZ(14.4185, 6.6384, 54.5513)

Have a look what the booklet for
XYZ(14.4185, 6.6384, 54.5513)
contains.

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Color

**XYZ(14.4147, 6.6383,
54.5544)**

Conversions

Conversions Part 1

Format	Color
Hex	5615C7
RGB	86, 21, 199
RGB Percent	34%, 8%, 78%
CMY	0.6627, 0.9177, 0.2196
CMYK	0.57, 0.89, 0.00, 0.22
HSL	262°, 81%, 43%
HSV	262°, 89%, 78%
XYZ	14.4147, 6.6383, 54.5544
YIQ	60.7270, -18.3980, 69.1380

Conversions

Conversions Part 2

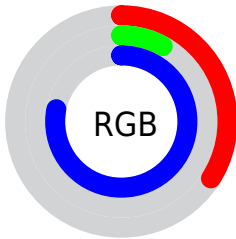
Format	Color
R _Y B	86, 21, 199
Decimal	5641671
CIE Lab	30.97, 64.19, -77.87
CIE LCh	31, 100.914, 309.499
Yxy	6.6383, 0.1907, 0.0878
Android (android.graphics.Color)	4283831751 (0xFF5615C7)
YUV	60.7270, 68.1686, 22.1644
Hunter-Lab	25.7649, 54.7769, -107.5048

Details

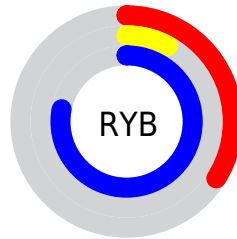
The XYZ color **14.4147, 6.6383, 54.5544** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **30.3890, 45.9688, 7.9805**, and the grayscale version is **4.3060, 4.5303, 4.9335**.

A 20% lighter version of the original color is **33.0587, 19.1079, 96.5535**, and **4.9579, 1.9832, 26.1081** is the 20% darker color. If you saturate the color by 10%, you get **13.0967, 5.5784, 54.4195**, and if you desaturate by 10%, it is **16.2043, 8.3346, 54.7877**.

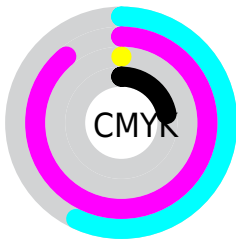
Distribution



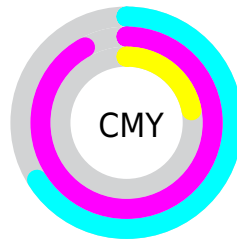
- Red (34%)
- Green (8%)
- Blue (78%)



- Red (34%)
- Yellow (8%)
- Blue (78%)



- Cyan (57%)
- Magenta (89%)
- Yellow (0%)
- Black (22%)



- Cyan (66%)
- Magenta (92%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4147, 6.6383, 54.5544 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 14.4147, 6.6383, 54.5544 by changing the saturation by 10% instead.

■ 14.4147, 6.6383,
54.5544

■ 14.4147, 6.6383,
54.5544

213.2550,
164.6235, 421.4548

■ 8.4933, 3.2369,
38.6489

■ 33.4032, 19.2418,
98.3524

■ 4.4666, 1.2567,
26.1810

■ 47.2010, 29.2127,
127.0819

■ 1.9694, 0.1073,
16.7321

■ 64.3550, 42.1423,
160.9232

■ 0.6167, 0.0000,
9.8837

■ 85.2305, 58.4149,
200.2948

■ 0.0000, 0.0000,
5.2173

■ 110.1929, 78.4149,
245.6152

■ 0.0000, 0.0000,
2.3144


■ 139.6076,


■ 0.0000, 0.0000,

102.5267, 297.3030

0.7393

 173.8398,
131.1348, 355.7767


 0.0000, 0.0000,
0.0000

 14.4147, 6.6383,
54.5544


 14.4147, 6.6383,
54.5544


 13.0967, 5.5784,
54.4195


 16.2043, 8.3346,
54.7877

 13.0321, 5.5274,
54.4131

 18.5563, 10.8364,
55.1466

 21.5268, 14.2412,
55.6473

 25.1639, 18.6319,
56.3031

 29.5101, 24.0816,
57.1259

■ 34.6046, 30.6563,
58.1264

■ 40.4831, 38.4165,
59.3145

■ 47.1791, 47.4185,
60.6991

■ 54.7240, 57.7146,
62.2888

Harmonies

Analogous

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



7.9982, 6.6383, 80.0542



14.4147, 6.6383, 54.5544



19.9154, 6.6383, 21.4225

Triad

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



14.4147, 6.6383, 54.5544



10.2243, 6.6383, 0.0000



0.8289, 6.6383, 12.6674

Complementary

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



14.4147, 6.6383, 54.5544



30.3890, 45.9688, 7.9805

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.



0.9560, 6.6383, 1.2938



14.4147, 6.6383, 54.5544



4.8770, 6.6383, 0.0000

Square

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



14.4147, 6.6383, 54.5544



16.7493, 6.6383, 0.0000



2.0098, 6.6383, 0.0000



1.4703, 6.6383, 41.6382

Rectangle

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



14.4147, 6.6383, 54.5544



21.2282, 6.6383, 7.4668



2.0098, 6.6383, 0.0000



0.7952, 6.6383, 6.9943

Sweetspot

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



14.4152, 6.6384, 54.5546



62.5890, 56.2935, 102.1747



19.5210, 22.0888, 57.2677



12.6817, 11.1148, 21.7269



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.



14.4152, 6.6384, 54.5546



22.5772, 9.5539, 95.2619



27.6561, 13.4644, 55.1743



10.4163, 10.4729, 13.3900



8.4683, 3.5998, 34.9929



0.4804, 0.2114, 1.6606

Inverse Universe

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



28.1239, 14.3994, 23.8483



47.7502, 23.8641, 36.2121



21.7635, 41.5222, 7.5768



10.9124, 10.7483, 12.5219



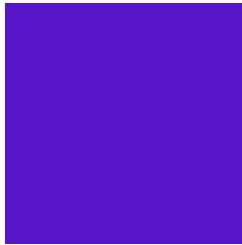
17.6236, 8.7990, 13.7594



0.8684, 0.4302, 0.8302

Previews

White Background



This preview shows how the XYZ color 14.4147, 6.6383, 54.5544 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

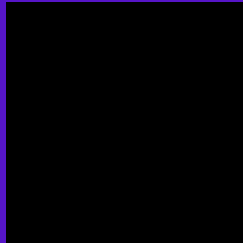
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4147, 6.6383, 54.5544

Background



This preview shows how black text looks on a background with the XYZ color 14.4147, 6.6383, 54.5544.



This preview shows how white text looks on a background with the XYZ color 14.4147, 6.6383,

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

14.4147, 6.6383, 54.5544

Protanopia

7.6781, 6.6764, 29.3178

Deuteranopia

6.4152, 6.7012, 21.0340



Tritanopia

5.4319, 6.7614, 9.6131

Trichromacy



Original Color

14.4147, 6.6383, 54.5544

Protanomaly

8.8132, 5.6275, 37.1809

Deuteranomaly

7.7290, 5.4196, 30.7757

Tritanomaly

7.0826, 5.4623, 20.4197

Monochromacy



Original Color

14.4147, 6.6383, 54.5544

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

6.3720, 4.4038, 15.5531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4147, 6.6383, 54.5544 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(86, 21, 199)` looks like.

```
.text, #text, p{  
    color:rgb(86, 21, 199)  
}
```

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(86, 21, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 21, 199) }
```

Border

The CSS property to change the border of an element to XYZ 14.4147, 6.6383, 54.5544 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(86, 21, 199) }
```


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

```
.border{ border-color:rgb(86, 21, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 21, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 21, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 21, 199);  
box-shadow:4px 4px 4px 4px rgb(86, 21,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4147, 6.6383, 54.5544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 21, 199) }
```

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

```
.background{ background-color: rgb(86, 21,  
199) }
```

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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