

Converting Colors

XYZ(14.4570, 6.6452, 54.4927)

Have a look what the booklet for
XYZ(14.4570, 6.6452, 54.4927)
contains.

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Color

**XYZ(14.4894, 6.6501,
54.5527)**

Conversions

Conversions Part 1

Format	Color
Hex	5714C7
RGB	87, 20, 199
RGB Percent	34%, 8%, 78%
CMY	0.6588, 0.9216, 0.2196
CMYK	0.56, 0.90, 0.00, 0.22
HSL	262°, 82%, 43%
HSV	262°, 90%, 78%
XYZ	14.4894, 6.6501, 54.5527
YIQ	60.4390, -17.5270, 69.8730

Conversions

Conversions Part 2

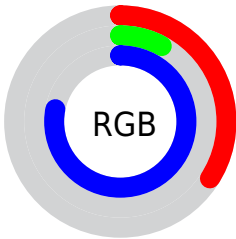
Format	Color
R_{YB}	87, 20, 199
Decimal	5706951
CIE _{Lab}	31.00, 64.53, -77.82
CIE _{LCh}	31, 101.093, 309.666
Yxy	6.6501, 0.1914, 0.0879
Android (android.graphics.Color)	4283897031 (0xFF5714C7)
YUV	60.4390, 68.3106, 23.2940
Hunter-Lab	25.7878, 55.1653, -107.3734

Details

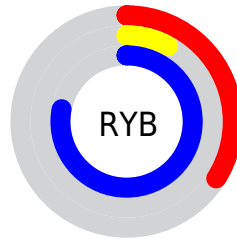
The XYZ color **14.4894, 6.6501, 54.5527** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **30.0643, 45.8024, 7.9179**, and the grayscale version is **4.2658, 4.4879, 4.8873**.

A 20% lighter version of the original color is **33.2404, 19.2015, 96.5620**, and **4.9579, 1.9832, 26.1081** is the 20% darker color. If you saturate the color by 10%, you get **13.1768, 5.6036, 54.4201**, and if you desaturate by 10%, it is **16.2597, 8.3126, 54.7805**.

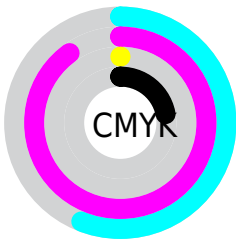
Distribution



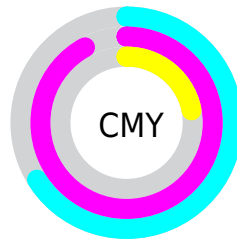
- Red (34%)
- Green (8%)
- Blue (78%)



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



- Cyan (56%)
- Magenta (90%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4894, 6.6501, 54.5527 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 14.4894, 6.6501, 54.5527 by changing the saturation by 10% instead.

■ 14.4894, 6.6501,
54.5527

■ 14.4894, 6.6501,
54.5527

213.7047,
164.7238, 421.4482

■ 8.5458, 3.2443,
38.6475

■ 33.5340, 19.2658,
98.3498

■ 4.5009, 1.2605,
26.1799

■ 47.3657, 29.2444,
127.0789

■ 1.9892, 0.1103,
16.7313

■ 64.5574, 42.1827,
160.9197

■ 0.6279, 0.0000,
9.8832

■ 85.4746, 58.4651,
200.2907

■ 0.0000, 0.0000,
5.2170

■ 110.4826, 78.4761,
245.6105


■ 0.0000, 0.0000,
2.3142


■ 139.9467,


■ 0.0000, 0.0000,

102.5999, 297.2977


0.7391

 174.2323,
131.2210, 355.7707


 0.0000, 0.0000,
0.0000

 14.4894, 6.6501,
54.5527


 14.4894, 6.6501,
54.5527


 13.1768, 5.6036,
54.4201

 16.2597, 8.3126,
54.7805

 13.1710, 5.5990,
54.4195

 18.5843, 10.7727,
55.1328

 21.5193, 14.1284,
55.6258

 25.1125, 18.4630,
56.2731

 29.4067, 23.8498,
57.0866

■ 34.4404, 30.3551,
58.0769

■ 40.2494, 38.0393,
59.2539

■ 46.8669, 46.9588,
60.6268

■ 54.3242, 57.1658,
62.2039

Harmonies

Analogous

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



8.0464, 6.6501, 80.2872



14.4894, 6.6501, 54.5527



19.9938, 6.6501, 21.3315

Triad

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



14.4894, 6.6501, 54.5527



10.2123, 6.6501, 0.0000



0.8288, 6.6501, 12.8108

Complementary

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



14.4894, 6.6501, 54.5527



30.0643, 45.8024, 7.9179

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.



0.9520, 6.6501, 1.3161



14.4894, 6.6501, 54.5527



4.8613, 6.6501, 0.0000

Square

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



14.4894, 6.6501, 54.5527



16.7619, 6.6501, 0.0000



2.0002, 6.6501, 0.0000



1.4763, 6.6501, 41.9728

Rectangle

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



14.4894, 6.6501, 54.5527



21.2914, 6.6501, 7.4001



2.0002, 6.6501, 0.0000



0.7938, 6.6501, 7.0838

Sweetspot

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



14.4899, 6.6502, 54.5529



62.7697, 56.3867, 102.1831



19.0350, 21.1477, 57.1116



12.7238, 11.1365, 21.7289



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.



14.4899, 6.6502, 54.5529



22.8168, 9.6774, 95.2731



28.2681, 13.7531, 55.1977



10.4256, 10.4776, 13.3904



8.5589, 3.6465, 34.9971



0.4853, 0.2139, 1.6609

Inverse Universe

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



27.9677, 14.3081, 23.1149



47.5453, 23.7821, 35.1335



21.5826, 41.4299, 7.5210



10.9082, 10.7467, 12.5000



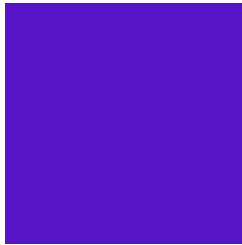
17.5489, 8.7691, 13.3662



0.8652, 0.4289, 0.8134

Previews

White Background



This preview shows how the XYZ color 14.4894, 6.6501, 54.5527 looks on a white background.

Color Contrast Check

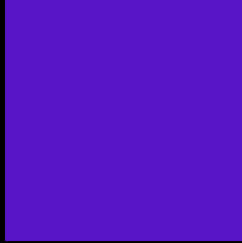
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4894, 6.6501, 54.5527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

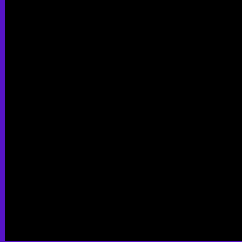
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4894, 6.6501, 54.5527

Background



This preview shows how black text looks on a background with the XYZ color 14.4894, 6.6501, 54.5527.



This preview shows how white text looks on a background with the XYZ color 14.4894, 6.6501, 54.5527.

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

14.4894, 6.6501, 54.5527

Protanopia

7.7583, 6.7085, 29.7401

Deuteranopia

6.4807, 6.7274, 21.3790



Tritanopia

5.5179, 6.8057, 9.6171

Trichromacy



Original Color

14.4894, 6.6501, 54.5527

Protanomaly

8.8915, 5.5902, 37.6562

Deuteranomaly

7.8426, 5.4685, 31.2140

Tritanomaly

7.1424, 5.4931, 20.4225

Monochromacy



Original Color

14.4894, 6.6501, 54.5527

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

6.3334, 4.3266, 15.5402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4894, 6.6501, 54.5527 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(87, 20, 199)` looks like.

```
.text, #text, p{  
    color:rgb(87, 20, 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(87, 20, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 20, 199) }
```

Border

The CSS property to change the border of an element to XYZ 14.4894, 6.6501, 54.5527 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(87, 20, 199) }
```


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

```
.border{ border-color:rgb(87, 20, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 20, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 20, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 20, 199);  
box-shadow:4px 4px 4px 4px rgb(87, 20,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4894, 6.6501, 54.5527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 20, 199) }
```

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

```
.background{ background-color: rgb(87, 20,  
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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