

Converting Colors

XYZ(14.8267, 6.4195, 55.9942)

Have a look what the booklet for
XYZ(14.8267, 6.4195, 55.9942)
contains.

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Color

**XYZ(14.7591, 6.3907,
55.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	5A00C9
RGB	90, 0, 201
RGB Percent	35%, 0%, 79%
CMY	0.6470, 1.0000, 0.2118
CMYK	0.55, 1.00, 0.00, 0.21
HSL	267°, 100%, 39%
HSV	267°, 100%, 79%
XYZ	14.7591, 6.3907, 55.7140
YIQ	49.8240, -10.8810, 81.5910

Conversions

Conversions Part 2

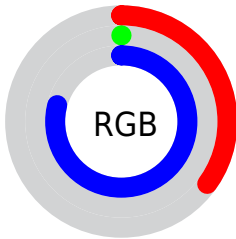
Format	Color
R_{YB}	90, 0, 201
Decimal	5898441
CIE _{Lab}	30.38, 68.84, -80.01
CIE _{LCh}	30, 105.548, 310.711
Yxy	6.3907, 0.1920, 0.0831
Android (android.graphics.Color)	4284088521 (0xFF5A00C9)
YUV	49.8240, 74.5298, 35.2344
Hunter-Lab	25.2798, 59.9738, -112.9728

Details

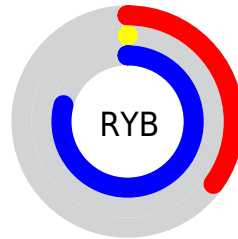
The XYZ color **14.7591, 6.3907, 55.7140** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **27.4416, 45.1526, 7.2690**, and the grayscale version is **2.9318, 3.0844, 3.3590**.

A 20% lighter version of the original color is **33.2521, 18.4019, 96.4071**, and **5.1108, 2.0443, 26.9133** is the 20% darker color. If you saturate the color by 10%, you get **14.7597, 6.3910, 55.7142**, and if you desaturate by 10%, it is **16.1732, 7.4937, 55.8526**.

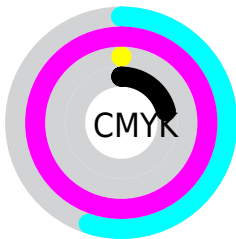
Distribution



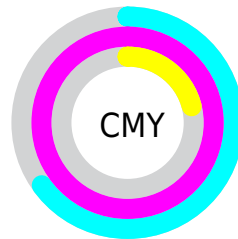
- Red (35%)
- Green (0%)
- Blue (79%)



- Red (35%)
- Yellow (0%)
- Blue (79%)



- Cyan (55%)
- Magenta (100%)
- Yellow (0%)
- Black (21%)





- Cyan (65%)
- Magenta (100%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7591, 6.3907, 55.7140 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 14.7591, 6.3907, 55.7140 by changing the saturation by 10% instead.


 14.7591, 6.3907,
55.7140


 14.7591, 6.3907,
55.7140


215.3209,
162.5004, 425.9708


 8.7357, 3.0841,
39.5712


 34.0052, 18.7365,
100.0679

 4.6249, 1.1758,
26.8931


 47.9585, 28.5445,
129.1161


 2.0614, 0.0418,
17.2613


 65.2859, 41.2884,
163.3032

 0.6681, 0.0000,
10.2570

 86.3527, 57.3526,
203.0477

 0.0000, 0.0000,
5.4619

 111.5242, 77.1215,
248.7682


 0.0000, 0.0000,
2.4573

 141.1659,


 0.0000, 0.0000,

100.9795, 300.8831

0.8174


 175.6430,
129.3110, 359.8112


 0.0000, 0.0000,
0.0000


 14.7591, 6.3907,
55.7140


 14.7591, 6.3907,
55.7140


 14.7597, 6.3910,
55.7142

 16.1732, 7.4937,
55.8526

 18.0164, 9.2064,
56.0860

 20.3863, 11.7137,
56.4451

 23.3367, 15.1147,
56.9460

 26.9139, 19.4932,
57.6026

■ 31.1587, 24.9230,
58.4269

■ 36.1085, 31.4707,
59.4299

■ 41.7972, 39.1971,
60.6214

■ 48.2567, 48.1587,
62.0107

Harmonies

Analogous

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



8.0437, 6.3907, 84.3314



14.7591, 6.3907, 55.7140



20.4332, 6.3907, 20.6062

Triad

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



14.7591, 6.3907, 55.7140



9.8389, 6.3907, 0.0000



0.6647, 6.3907, 13.4391

Complementary

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



14.7591, 6.3907, 55.7140



27.4416, 45.1526, 7.2690

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.



0.7644, 6.3907, 1.2482



14.7591, 6.3907, 55.7140



4.4556, 6.3907, 0.0000

Square

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



14.7591, 6.3907, 55.7140



16.6755, 6.3907, 0.0000



1.7117, 6.3907, 0.0000



1.3105, 6.3907, 44.8461

Rectangle

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



14.7591, 6.3907, 55.7140



21.6681, 6.3907, 6.6218



1.7117, 6.3907, 0.0000



0.6200, 6.3907, 7.3062

Sweetspot

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



14.7597, 6.3910, 55.7142



61.4399, 53.3698, 101.6709



16.5487, 16.2292, 57.5189



12.3476, 10.3536, 21.5976



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.



14.7597, 6.3910, 55.7142



25.0137, 10.8099, 95.3759



31.1834, 14.8577, 56.4828



10.5001, 10.5161, 13.3939



9.3825, 4.0711, 35.0356



0.5273, 0.2356, 1.6628

Inverse Universe

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



26.9564, 13.5651, 16.2349



46.0339, 23.1775, 27.1741



21.0587, 41.8621, 6.9703



10.8749, 10.7333, 12.3243



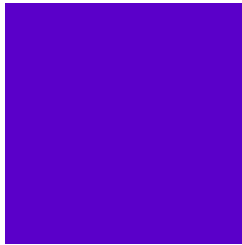
16.9959, 8.5479, 10.4540



0.8409, 0.4192, 0.6851

Previews

White Background



This preview shows how the XYZ color 14.7591, 6.3907, 55.7140 looks on a white background.

Color Contrast Check

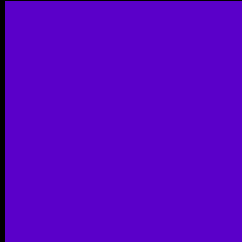
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7591, 6.3907, 55.7140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

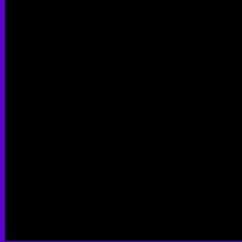
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7591, 6.3907, 55.7140

Background



This preview shows how black text looks on a background with the XYZ color 14.7591, 6.3907, 55.7140.



This preview shows how white text looks on a background with the XYZ color 14.7591, 6.3907,

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

14.7591, 6.3907, 55.7140

Protanopia

7.6781, 6.6764, 29.3178

Deuteranopia

6.4807, 6.7274, 21.3790



Tritanopia

5.5912, 6.7418, 9.3941

Trichromacy



Original Color

14.7591, 6.3907, 55.7140

Protanomaly

8.6335, 5.0273, 37.5611

Deuteranomaly

7.6005, 4.8038, 31.5370

Tritanomaly

7.0857, 4.9035, 20.6517

Monochromacy



Original Color

14.7591, 6.3907, 55.7140

Achromatopsia

3.0317, 3.1896, 3.4735

Achromatomaly

5.2463, 3.1768, 13.7013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7591, 6.3907, 55.7140 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(90, 0, 201)` looks like.

```
.text, #text, p{  
    color:rgb(90, 0, 201)  
}
```

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(90, 0, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 0, 201) }
```

Border

The CSS property to change the border of an element to XYZ 14.7591, 6.3907, 55.7140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

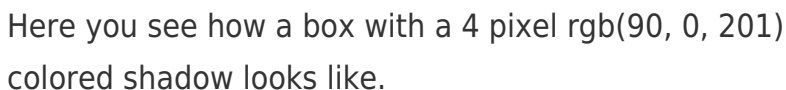
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(90, 0, 201) }
```


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

```
.border{ border-color:rgb(90, 0, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(90, 0, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 0, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 0, 201);  
box-shadow:4px 4px 4px 4px rgb(90, 0, 201)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.7591, 6.3907, 55.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 0, 201) }
```

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

```
.background{ background-color: rgb(90, 0,  
201) }
```

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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