

Converting Colors

XYZ(15.4082, 6.9069, 56.3982)

Have a look what the booklet for
XYZ(15.4082, 6.9069, 56.3982)
contains.

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Color

**XYZ(15.4082, 6.9069,
56.3982)**

Conversions

Conversions Part 1

Format	Color
Hex	5E0CCA
RGB	94, 12, 202
RGB Percent	37%, 5%, 79%
CMY	0.6314, 0.9530, 0.2078
CMYK	0.53, 0.94, 0.00, 0.21
HSL	266°, 89%, 42%
HSV	266°, 94%, 79%
XYZ	15.4082, 6.9069, 56.3982
YIQ	58.1780, -12.1180, 76.4740

Conversions

Conversions Part 2

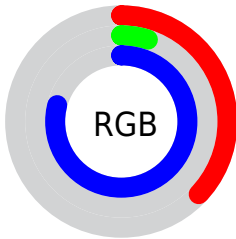
Format	Color
R_{YB}	94, 12, 202
Decimal	6163658
CIE _{Lab}	31.59, 67.48, -78.56
CIE _{LCh}	32, 103.566, 310.663
Yxy	6.9069, 0.1958, 0.0877
Android (android.graphics.Color)	4284353738 (0xFF5E0CCA)
YUV	58.1780, 70.9042, 31.4159
Hunter-Lab	26.2810, 58.6605, -108.8379

Details

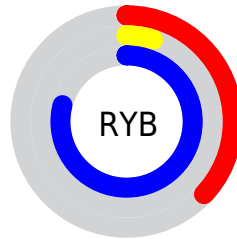
The XYZ color **15.4082, 6.9069, 56.3982** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **28.9314, 46.2602, 7.7519**, and the grayscale version is **3.9548, 4.1608, 4.5311**.

A 20% lighter version of the original color is **34.3447, 19.4568, 96.5531**, and **5.3010, 2.1334, 27.3265** is the 20% darker color. If you saturate the color by 10%, you get **14.6087, 6.2995, 56.3233**, and if you desaturate by 10%, it is **17.0654, 8.3406, 56.5878**.

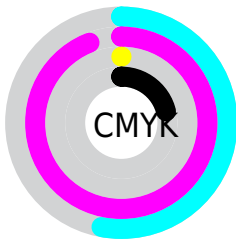
Distribution



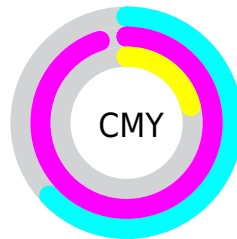
- Red (37%)
- Green (5%)
- Blue (79%)



- Red (37%)
- Yellow (5%)
- Blue (79%)



- Cyan (53%)
- Magenta (94%)
- Yellow (0%)
- Black (21%)



- Cyan (63%)
- Magenta (95%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4082, 6.9069, 56.3982 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 15.4082, 6.9069, 56.3982 by changing the saturation by 10% instead.

■ 15.4082, 6.9069,
56.3982

■ 15.4082, 6.9069,
56.3982

■ 219.1635,
166.8878, 428.6208

■ 9.1945, 3.4039,
40.1161

■ 35.1335, 19.7857,
101.0781

■ 4.9264, 1.3461,
27.3146

■ 49.3759, 29.9303,
130.3131

■ 2.2385, 0.1765,
17.5751

■ 67.0252, 43.0576,
164.7028

■ 0.7629, 0.0000,
10.4791

■ 88.4468, 59.5519,
204.6657

■ 0.0000, 0.0000,
5.6080

■ 114.0061, 79.7977,
250.6205


■ 0.0000, 0.0000,
2.5433

■ 144.0685,


■ 0.0000, 0.0000,

104.1794, 302.9855

0.8630

 178.9991,
133.0813, 362.1795


 0.0000, 0.0000,
0.0000


 15.4082, 6.9069,
56.3982


 15.4082, 6.9069,
56.3982


 14.6087, 6.2995,
56.3233

 17.0654, 8.3406,
56.5878

 19.2381, 10.5353,
56.8969

 21.9865, 13.6004,
57.3437

 25.3605, 17.6265,
57.9429

 29.4043, 22.6922,
58.7076

■ 34.1573, 28.8681,
59.6492

■ 39.6558, 36.2181,
60.7780

■ 45.9333, 44.8013,
62.1039

■ 53.0212, 54.6727,
63.6357

Harmonies

Analogous

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



8.5816, 6.9069, 84.5598



15.4082, 6.9069, 56.3982



21.1250, 6.9069, 21.4386

Triad

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



15.4082, 6.9069, 56.3982



10.4381, 6.9069, 0.0000



0.8398, 6.9069, 14.1150

Complementary

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



15.4082, 6.9069, 56.3982



28.9314, 46.2602, 7.7519

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.



0.9426, 6.9069, 1.4832



15.4082, 6.9069, 56.3982



4.8917, 6.9069, 0.0000

Square

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



15.4082, 6.9069, 56.3982



17.3636, 6.9069, 0.0000



1.9837, 6.9069, 0.0000



1.5423, 6.9069, 45.5160

Rectangle

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



15.4082, 6.9069, 56.3982



22.3698, 6.9069, 7.1959



1.9837, 6.9069, 0.0000



0.7964, 6.9069, 7.8546

Sweetspot

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



15.4087, 6.9070, 56.3984



62.9611, 55.6941, 102.0394



17.8743, 18.4666, 58.4997



12.6230, 10.7847, 21.6663



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.



15.4087, 6.9070, 56.3984



24.4882, 10.5390, 95.3513



31.0823, 14.9871, 57.1319



11.0533, 11.0768, 14.1258



9.4984, 4.1041, 36.2478



0.5764, 0.2563, 1.8740

Inverse Universe

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



27.8782, 14.1753, 19.0331



46.3460, 23.3024, 28.8180



21.6612, 42.5122, 7.4117



11.4750, 11.3187, 13.0358



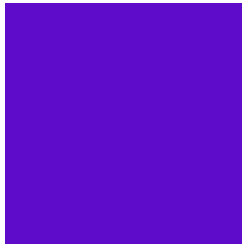
17.7033, 8.8919, 11.4223



0.9509, 0.4738, 0.7873

Previews

White Background



This preview shows how the XYZ color 15.4082, 6.9069, 56.3982 looks on a white background.

Color Contrast Check

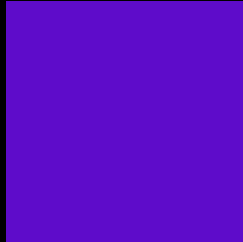
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4082, 6.9069, 56.3982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

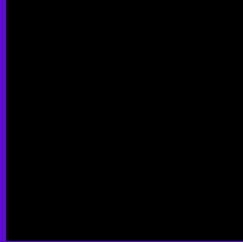
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.4082, 6.9069, 56.3982

Background



This preview shows how black text looks on a background with the XYZ color 15.4082, 6.9069, 56.3982.



This preview shows how white text looks on a background with the XYZ color 15.4082, 6.9069,

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

15.4082, 6.9069, 56.3982

Deuteranopia

6.8211, 7.0875, 22.4812

Tritanopia

6.0666, 7.0886, 9.6428

Trichromacy



Original Color

15.4082, 6.9069, 56.3982

Deuteranomaly

8.0647, 5.4127, 32.5180

Tritanomaly

7.7883, 5.5930, 21.0911

Monochromacy



Original Color

15.4082, 6.9069, 56.3982

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

6.2059, 4.0513, 15.2067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4082, 6.9069, 56.3982 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(94, 12, 202)` looks like.

```
.text, #text, p{  
    color:rgb(94, 12, 202)  
}
```

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(94, 12, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 12, 202) }
```

Border

The CSS property to change the border of an element to XYZ 15.4082, 6.9069, 56.3982 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(94, 12, 202) }
```

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

```
.border{ border-color:rgb(94, 12, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 12, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 12, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 12, 202);  
box-shadow:4px 4px 4px 4px rgb(94, 12,  
202) }
```


Background

The CSS property to change the background color of an element to XYZ 15.4082, 6.9069, 56.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 12, 202) }
```

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

```
.background{ background-color: rgb(94, 12,  
202) }
```

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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