

Converting Colors

XYZ(28.3534, 15.3295, 54.8932)

Have a look what the booklet for
XYZ(28.3534, 15.3295, 54.8932)
contains.

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Color

**XYZ(28.2607, 15.2814,
54.8862)**

Conversions

Conversions Part 1

Format	Color
Hex	AB35C6
RGB	171, 53, 198
RGB Percent	67%, 21%, 78%
CMY	0.3294, 0.7921, 0.2235
CMYK	0.14, 0.73, 0.00, 0.22
HSL	289°, 58%, 49%
HSV	289°, 73%, 78%
XYZ	28.2607, 15.2814, 54.8862
YIQ	104.8120, 23.7830, 70.1110

Conversions

Conversions Part 2

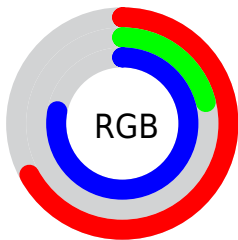
Format	Color
R_{YB}	171, 53, 198
Decimal	11220422
CIE _{Lab}	46.02, 66.41, -52.24
CIE _{LCh}	46, 84.495, 321.806
Yxy	15.2814, 0.2871, 0.1553
Android (android.graphics.Color)	4289410502 (0xFFAB35C6)
YUV	104.8120, 45.9417, 58.0469
Hunter-Lab	39.0914, 60.6345, -55.8819

Details

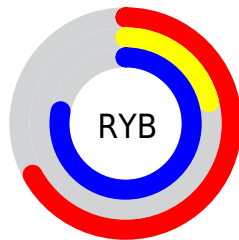
The XYZ color **28.2607, 15.2814, 54.8862** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **24.1456, 42.3511, 10.2708**, and the grayscale version is **13.2528, 13.9429, 15.1839**.

A 20% lighter version of the original color is **56.3676, 35.4119, 98.4720**, and **11.8974, 5.5606, 26.4328** is the 20% darker color. If you saturate the color by 10%, you get **26.7456, 13.4262, 54.6082**, and if you desaturate by 10%, it is **30.1722, 17.8948, 55.2901**.

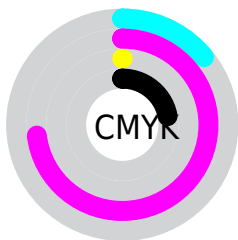
Distribution



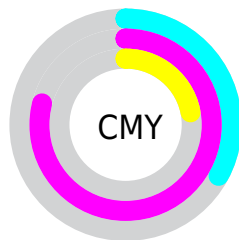
- Red (67%)
- Green (21%)
- Blue (78%)



- Red (67%)
- Yellow (21%)
- Blue (78%)



- Cyan (14%)
- Magenta (73%)
- Yellow (0%)
- Black (22%)





- Cyan (33%)
- Magenta (79%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2607, 15.2814, 54.8862 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 28.2607, 15.2814, 54.8862 by changing the saturation by 10% instead.


 28.2607, 15.2814,
54.8862

 28.2607, 15.2814,
54.8862


285.7681,
225.0632, 422.7502


 18.6637, 9.0171,
38.9126


 56.3061, 35.3461,
98.8437


 11.5301, 4.7523,
26.3845

 75.4853, 49.9153,
127.6647

 6.4945, 2.1027,
16.8831

 98.5892, 68.0216,
161.6052

 3.1915, 0.6661,
9.9901

 125.9833, 90.0493,
201.0839

 1.2558, 0.0000,
5.2869

 158.0329,
116.3830, 246.5191

 0.1498, 0.0000,
2.3549

195.1033,

 0.0000, 0.0000,

147.4069, 298.3296

0.7617

237.5599,
183.5055, 356.9338

■ 0.0000, 0.0000,
0.0000

■ 28.2607, 15.2814,
54.8862

■ 28.2607, 15.2814,
54.8862

■ 26.7456, 13.4262,
54.6082

■ 30.1722, 17.8948,
55.2901

■ 25.5754, 12.2285,
54.4387

■ 32.5192, 21.3463,
55.8326

■ 24.9176, 11.6680,
54.3652

■ 35.3382, 25.7080,
56.5259

■ 38.6611, 31.0433,
57.3806

■ 42.5168, 37.4102,
58.4064

■ 46.9323, 44.8620,
59.6120

■ 51.9325, 53.4483,
61.0058

■ 57.5406, 63.2155,
62.5955

■ 63.7788, 74.2077,
64.3884

Harmonies

Analogous

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



20.2650, 15.2814, 86.7007



28.2607, 15.2814, 54.8862



32.8667, 15.2814, 22.9174

Triad

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



28.2607, 15.2814, 54.8862



16.5772, 15.2814, 0.0000



5.1227, 15.2814, 36.0133

Complementary

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



28.2607, 15.2814, 54.8862



24.1456, 42.3511, 10.2708

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.



4.7124, 15.2814, 11.6265



28.2607, 15.2814, 54.8862



9.9855, 15.2814, 0.0623

Square

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



28.2607, 15.2814, 54.8862



24.8135, 15.2814, 0.9042



6.1664, 15.2814, 2.2253



7.5644, 15.2814, 70.8779

Rectangle

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



28.2607, 15.2814, 54.8862



32.6075, 15.2814, 9.8029



6.1664, 15.2814, 2.2253



4.7839, 15.2814, 26.0845

Sweetspot

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



28.2614, 15.2820, 54.8865



75.9511, 67.3532, 103.6051



14.6792, 10.8695, 54.7507



15.8284, 13.7018, 22.0604



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.



28.2614, 15.2820, 54.8865



46.0327, 22.3576, 96.4970



30.4368, 16.9024, 32.4498



10.8820, 10.7130, 13.4118



16.2719, 7.6227, 35.3581



0.8221, 0.3875, 1.6766

Inverse Universe

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



26.0103, 15.1318, 9.1401



42.9019, 22.6921, 8.3157



23.7973, 41.9992, 18.0408



10.7132, 10.6687, 11.4730



15.3846, 7.9034, 1.9691



0.7535, 0.3843, 0.2253

Previews

White Background



This preview shows how the XYZ color 28.2607, 15.2814, 54.8862 looks on a white background.

Color Contrast Check

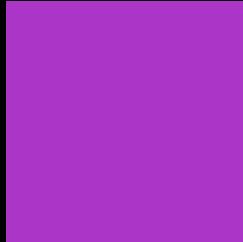
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2607, 15.2814, 54.8862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

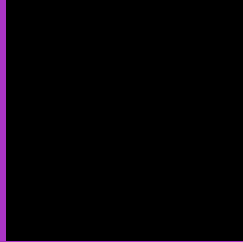
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.2607, 15.2814, 54.8862

Background



This preview shows how black text looks on a background with the XYZ color 28.2607, 15.2814, 54.8862.



This preview shows how white text looks on a background with the XYZ color 28.2607, 15.2814,

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

28.2607, 15.2814, 54.8862

Protanopia

18.6086, 15.6899, 72.5687

Deuteranopia

16.0282, 15.6527, 49.7534



Tritanopia

19.5883, 15.1574, 12.9596

Trichromacy



Original Color

28.2607, 15.2814, 54.8862



Protanomaly

17.6605, 12.7468, 65.8195



Deuteranomaly

17.6848, 13.4453, 51.5323



Tritanomaly

21.7184, 14.5437, 23.8528

Monochromacy



Original Color

28.2607, 15.2814, 54.8862



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

17.0412, 13.1868, 26.0732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2607, 15.2814, 54.8862 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(171, 53, 198)` looks like.

```
.text, #text, p{  
    color:rgb(171, 53, 198)  
}
```

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(171, 53, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 53, 198) }
```

Border

The CSS property to change the border of an element to XYZ 28.2607, 15.2814, 54.8862 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(171, 53, 198) }
```


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

```
.border{ border-color:rgb(171, 53, 198) }
```

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

Here you see how a box with a 4 pixel rgb(171, 53, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 53, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 53, 198);  
box-shadow:4px 4px 4px 4px rgb(171, 53,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2607, 15.2814, 54.8862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 53, 198) }
```

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

```
.background{ background-color: rgb(171, 53,  
198) }
```

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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