

Converting Colors

XYZ(26.9660, 15.2486, 52.5943)

Have a look what the booklet for
XYZ(26.9660, 15.2486, 52.5943)
contains.

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Color

**XYZ(26.9234, 15.2319,
52.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	A53DC2
RGB	165, 61, 194
RGB Percent	65%, 24%, 76%
CMY	0.3529, 0.7608, 0.2392
CMYK	0.15, 0.69, 0.00, 0.24
HSL	287°, 52%, 50%
HSV	287°, 69%, 76%
XYZ	26.9234, 15.2319, 52.5600
YIQ	107.2580, 19.2910, 63.4110

Conversions

Conversions Part 2

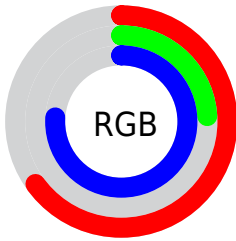
Format	Color
R_{YB}	165, 61, 194
Decimal	10829250
CIE _{Lab}	45.95, 61.35, -50.08
CIE _{LCh}	46, 79.191, 320.774
Yxy	15.2319, 0.2843, 0.1608
Android (android.graphics.Color)	4289019330 (0xFFA53DC2)
YUV	107.2580, 42.7638, 50.6397
Hunter-Lab	39.0281, 54.8386, -52.5276

Details

The XYZ color **26.9234, 15.2319, 52.5600** 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 **24.3511, 41.0946, 11.0641**, and the grayscale version is **13.9287, 14.6541, 15.9583**.

A 20% lighter version of the original color is **54.0894, 35.1438, 95.1994**, and **11.0403, 5.1447, 25.2221** is the 20% darker color. If you saturate the color by 10%, you get **25.2036, 13.0764, 52.2348**, and if you desaturate by 10%, it is **29.0480, 18.1525, 53.0120**.

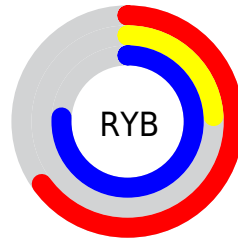
Distribution



Red (65%)

Green (24%)

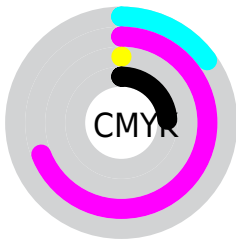
Blue (76%)



Red (65%)

Yellow (24%)

Blue (76%)

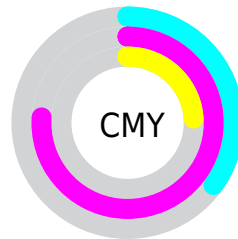


Cyan (15%)

Magenta (69%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (76%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9234, 15.2319, 52.5600 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 26.9234, 15.2319, 52.5600 by changing the saturation by 10% instead.

■ 26.9234, 15.2319,
52.5600

■ 26.9234, 15.2319,
52.5600

279.4604,
224.7656, 413.6130

■ 17.6520, 8.9823,
37.0663

■ 54.1817, 35.2595,
95.3916

■ 10.7986, 4.7296,
24.9627

■ 72.8993, 49.8063,
123.5665

■ 5.9979, 2.0895,
15.8305

■ 95.4963, 67.8876,
156.8057

■ 2.8844, 0.6587,
9.2512

■ 122.3381, 89.8878,
195.5276

■ 1.0929, 0.0000,
4.8064

■ 153.7901,
116.1913, 240.1507

■ 0.0192, 0.0000,
2.0774

190.2175,

■ 0.0000, 0.0000,

147.1825, 291.0936

0.6022

231.9858,
183.2458, 348.7749

■ 0.0000, 0.0000,
0.0000

■ 26.9234, 15.2319,
52.5600

■ 26.9234, 15.2319,
52.5600

■ 25.2036, 13.0764,
52.2348

■ 29.0480, 18.1525,
53.0120

■ 23.8438, 11.5988,
52.0213

■ 31.6120, 21.9089,
53.6019

■ 22.7754, 10.6614,
51.8967

■ 34.6483, 26.5660,
54.3408

■ 22.6305, 10.5416,
51.8812

■ 38.1861, 32.1815,
55.2383

■ 42.2519, 38.8085,
56.3031

■ 46.8706, 46.4958,
57.5435

■ 52.0651, 55.2894,
58.9670

■ 57.8573, 65.2323,
60.5809

■ 64.2676, 76.3652,
62.3919

Harmonies

Analogous

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



19.5434, 15.2319, 80.5104



26.9234, 15.2319, 52.5600



31.2764, 15.2319, 23.2304

Triad

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



26.9234, 15.2319, 52.5600



16.6424, 15.2319, 0.0739



5.4650, 15.2319, 33.4110

Complementary

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



26.9234, 15.2319, 52.5600



24.3511, 41.0946, 11.0641

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.



5.1221, 15.2319, 11.3457



26.9234, 15.2319, 52.5600



10.3727, 15.2319, 0.3623

Square

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



26.9234, 15.2319, 52.5600



24.2461, 15.2319, 1.2791



6.6162, 15.2319, 2.4851



7.7641, 15.2319, 64.7162

Rectangle

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



26.9234, 15.2319, 52.5600



31.1755, 15.2319, 10.6007



6.6162, 15.2319, 2.4851



5.1524, 15.2319, 24.4806

Sweetspot

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



26.9240, 15.2325, 52.5603



74.4042, 66.7859, 101.4392



15.4927, 12.5480, 52.6447



15.8344, 13.8754, 22.0936



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.



26.9240, 15.2325, 52.5603



44.4172, 22.2780, 94.4288



30.1349, 17.2944, 34.3395



10.2755, 10.1332, 12.6991



14.9507, 6.9678, 34.1135



0.7006, 0.3292, 1.4765

Inverse Universe

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



25.7628, 15.5456, 11.3163



43.1335, 23.4382, 12.0529



23.3497, 40.4292, 17.7531



10.1611, 10.1130, 10.9389



14.9313, 7.6623, 2.2843



0.6716, 0.3417, 0.2381

Previews

White Background



This preview shows how the XYZ color 26.9234, 15.2319, 52.5600 looks on a white background.

Color Contrast Check

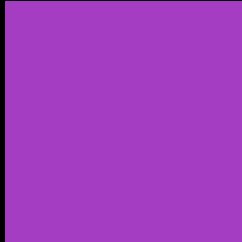
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9234, 15.2319, 52.5600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

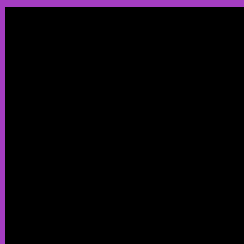
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.9234, 15.2319, 52.5600

Background



This preview shows how black text looks on a background with the XYZ color 26.9234, 15.2319, 52.5600.



This preview shows how white text looks on a background with the XYZ color 26.9234, 15.2319,

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

26.9234, 15.2319, 52.5600

Protanopia

18.5061, 15.4850, 72.5345

Deuteranopia

15.9084, 15.4669, 48.0459



Tritanopia

19.0282, 15.2305, 13.7413

Trichromacy



Original Color

26.9234, 15.2319, 52.5600



Protanomaly

17.4461, 12.9095, 64.5231



Deuteranomaly

17.6236, 13.7180, 49.2959



Tritanomaly

21.1501, 14.7742, 24.2912

Monochromacy



Original Color

26.9234, 15.2319, 52.5600



Achromatopsia

13.9749, 14.7027, 16.0113



Achromatomaly

17.2185, 13.7656, 26.1756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9234, 15.2319, 52.5600 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(165, 61, 194)` looks like.

```
.text, #text, p{  
    color:rgb(165, 61, 194)  
}
```

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(165, 61, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 61, 194) }
```

Border

The CSS property to change the border of an element to XYZ 26.9234, 15.2319, 52.5600 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(165, 61, 194) }
```


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

```
.border{ border-color:rgb(165, 61, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 61, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 61, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 61, 194);  
box-shadow:4px 4px 4px 4px rgb(165, 61,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9234, 15.2319, 52.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 61, 194) }
```

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

```
.background{ background-color: rgb(165, 61,  
194) }
```

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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