

Converting Colors

XYZ(26.5003, 15.6633, 77.6538)

Have a look what the booklet for
XYZ(26.5003, 15.6633, 77.6538)
contains.

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Color

**XYZ(26.5300, 15.6293,
77.9624)**

Conversions

Conversions Part 1

Format	Color
Hex	844AE8
RGB	132, 74, 232
RGB Percent	52%, 29%, 91%
CMY	0.4823, 0.7098, 0.0902
CMYK	0.43, 0.68, 0.00, 0.09
HSL	262°, 77%, 60%
HSV	262°, 68%, 91%
XYZ	26.5300, 15.6293, 77.9624
YIQ	109.3540, -16.1500, 61.4340

Conversions

Conversions Part 2

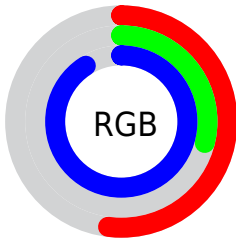
Format	Color
R_{YB}	132, 74, 232
Decimal	8669928
CIE _{Lab}	46.48, 57.44, -71.19
CIE _{LCh}	46, 91.474, 308.895
Yxy	15.6293, 0.2209, 0.1301
Android (android.graphics.Color)	4286860008 (0xFF844AE8)
YUV	109.3540, 60.4645, 19.8605
Hunter-Lab	39.5339, 50.6016, -89.2484

Details

The XYZ color **26.5300, 15.6293, 77.9624** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **47.5476, 67.2062, 16.9448**, and the grayscale version is **14.4739, 15.2276, 16.5829**.

A 20% lighter version of the original color is **46.9967, 33.2181, 98.5425**, and **10.5693, 4.9005, 40.9463** is the 20% darker color. If you saturate the color by 10%, you get **23.1201, 11.9807, 77.4382**, and if you desaturate by 10%, it is **30.8355, 20.5870, 78.6928**.

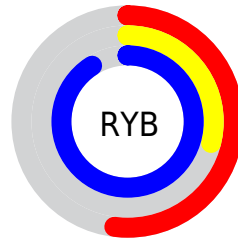
Distribution



Red (52%)

Green (29%)

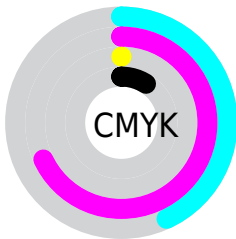
Blue (91%)



Red (52%)

Yellow (29%)

Blue (91%)

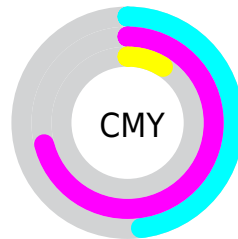


Cyan (43%)

Magenta (68%)

Yellow (0%)

Black (9%)



Cyan (48%)

Magenta (71%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5300, 15.6293, 77.9624 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 26.5300, 15.6293, 77.9624 by changing the saturation by 10% instead.

■ 26.5300, 15.6293,
77.9624

■ 26.5300, 15.6293,
77.9624

277.5834,
227.1442, 507.5637

■ 17.3553, 9.2622,
57.5268

■ 53.5540, 35.9534,
132.2825

■ 10.5850, 4.9126,
41.0162

■ 72.1340, 50.6793,
167.0041

■ 5.8538, 2.1961,
28.0119

■ 94.5798, 68.9602,
207.3248

■ 2.7962, 0.7179,
18.0955

■ 121.2567, 91.1805,
253.6632

■ 1.0469, 0.0000,
10.8484

■ 152.5302,
117.7247, 306.4377

■ 0.0000, 0.0000,
5.8521

188.7656,

■ 0.0000, 0.0000,

148.9771, 366.0669

2.6880

230.3282,
185.3222, 432.9694

■ 0.0000, 0.0000,
0.9374

■ 0.0000, 0.0000,
0.0000

■ 26.5300, 15.6293,
77.9624

■ 26.5300, 15.6293,
77.9624

■ 23.1201, 11.9807,
77.4382

■ 30.8355, 20.5870,
78.6928

■ 20.5235, 9.5001,
77.0963

■ 36.1031, 26.9714,
79.6474

■ 18.6336, 7.9943,
76.9052

■ 42.3951, 34.8884,
80.8440

■ 18.3274, 7.7655,
76.8772

■ 49.7675, 44.4330,
82.2977

■ 58.2720, 55.6925,
84.0227

■ 67.9567, 68.7476,
86.0322

■ 78.8668, 83.6741,
88.3383

■ 89.5597, 97.5722,
90.4573

■ 91.5656, 98.6062,
90.5512

Harmonies

Analogous

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



17.3208, 15.6293, 105.8179



26.5300, 15.6293, 77.9624



33.9228, 15.6293, 37.8847

Triad

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



26.5300, 15.6293, 77.9624



20.9989, 15.6293, 0.0000



4.3577, 15.6293, 24.6393

Complementary

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



26.5300, 15.6293, 77.9624



47.5476, 67.2062, 16.9448

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.



4.7360, 15.6293, 5.6948



26.5300, 15.6293, 77.9624



12.6354, 15.6293, 0.0000

Square

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



26.5300, 15.6293, 77.9624



30.0239, 15.6293, 1.7316



7.2339, 15.6293, 0.6258



5.9145, 15.6293, 61.3266

Rectangle

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



26.5300, 15.6293, 77.9624



35.7090, 15.6293, 17.8671



7.2339, 15.6293, 0.6258



4.2791, 15.6293, 16.1956

Sweetspot

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



26.5308, 15.6298, 77.9628



69.9889, 66.0497, 103.6678



32.5387, 37.5802, 81.8830



14.3295, 13.2728, 22.0566



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.



26.5308, 15.6298, 77.9628



27.1434, 13.3523, 95.7544



43.8594, 24.5630, 78.7738



14.0800, 14.1435, 18.1322



10.3014, 4.3765, 42.6850



0.8607, 0.3747, 3.1589

Inverse Universe

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



43.3674, 25.1094, 42.6036



50.2728, 26.4301, 44.6960



34.8191, 60.6444, 16.3491



14.7589, 14.5207, 16.9306



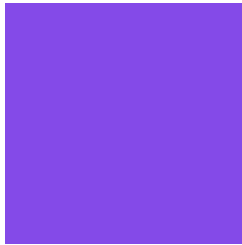
21.4540, 10.7158, 16.5516



1.6297, 0.8096, 1.4567

Previews

White Background



This preview shows how the XYZ color 26.5300, 15.6293, 77.9624 looks on a white background.

Color Contrast Check

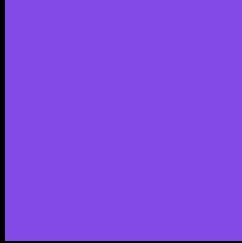
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5300, 15.6293, 77.9624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

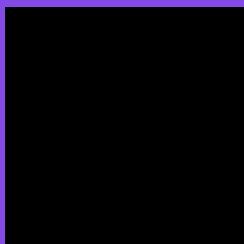
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.5300, 15.6293, 77.9624

Background



This preview shows how black text looks on a background with the XYZ color 26.5300, 15.6293, 77.9624.



This preview shows how white text looks on a background with the XYZ color 26.5300, 15.6293,

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

26.5300, 15.6293, 77.9624

Protanopia

18.6086, 15.6899, 72.5687

Deuteranopia

15.7555, 15.7504, 53.8395



Tritanopia

14.7314, 15.4870, 19.6656

Trichromacy



Original Color

26.5300, 15.6293, 77.9624

Protanomaly

19.0868, 14.1798, 74.4040

Deuteranomaly

17.0659, 14.1061, 61.4978

Tritanomaly

17.6901, 14.7323, 35.1690

Monochromacy



Original Color

26.5300, 15.6293, 77.9624

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.3517, 14.4807, 32.4524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5300, 15.6293, 77.9624 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(132, 74, 232)` looks like.

```
.text, #text, p{  
    color:rgb(132, 74, 232)  
}
```

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(132, 74, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 74, 232) }
```

Border

The CSS property to change the border of an element to XYZ 26.5300, 15.6293, 77.9624 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(132, 74, 232) }
```


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

```
.border{ border-color:rgb(132, 74, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 74, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 74, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 74, 232);  
box-shadow:4px 4px 4px 4px rgb(132, 74,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5300, 15.6293, 77.9624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 74, 232) }
```

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

```
.background{ background-color: rgb(132, 74,  
232) }
```

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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