

Converting Colors

XYZ(26.0370, 15.0610, 96.4736)

Have a look what the booklet for
XYZ(26.0370, 15.0610, 96.4736)
contains.

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Color

**XYZ(25.9329, 15.0189,
96.1399)**

Conversions

Conversions Part 1

Format	Color
Hex	654BFF
RGB	101, 75, 255
RGB Percent	40%, 29%, 100%
CMY	0.6039, 0.7059, 0.0000
CMYK	0.60, 0.71, 0.00, 0.00
HSL	249°, 100%, 65%
HSV	249°, 71%, 100%
XYZ	25.9329, 15.0189, 96.1399
YIQ	103.2940, -42.2840, 61.4920

Conversions

Conversions Part 2

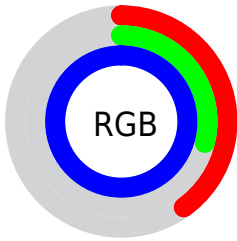
Format	Color
R_{YB}	101, 75, 255
Decimal	6638591
CIE _{Lab}	45.66, 58.52, -85.56
CIE _{LCh}	46, 103.659, 304.370
Yxy	15.0189, 0.1892, 0.1096
Android (android.graphics.Color)	4284828671 (0xFF654BFF)
YUV	103.2940, 74.7911, -2.0118
Hunter-Lab	38.7542, 51.6257, -119.9563

Details

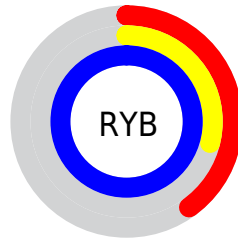
The XYZ color **25.9329, 15.0189, 96.1399** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **69.3404, 88.6846, 20.1197**, and the grayscale version is **12.7869, 13.4529, 14.6502**.

A 20% lighter version of the original color is **41.2367, 30.2487, 98.2729**, and **10.4257, 4.7265, 53.1861** is the 20% darker color. If you saturate the color by 10%, you get **22.4098, 11.1291, 95.5748**, and if you desaturate by 10%, it is **30.7983, 20.6283, 96.9662**.

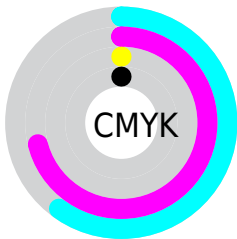
Distribution



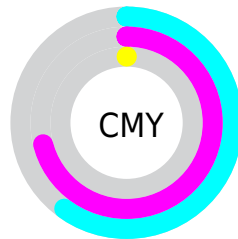
- Red (40%)
- Green (29%)
- Blue (100%)



- Red (40%)
- Yellow (29%)
- Blue (100%)



- Cyan (60%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9329, 15.0189, 96.1399 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 25.9329, 15.0189, 96.1399 by changing the saturation by 10% instead.

■ 25.9329, 15.0189,
96.1399

■ 25.9329, 15.0189,
96.1399

274.7153,
223.4806, 568.8851

■ 16.9059, 8.8327,
72.4820

■ 52.5988, 34.8863,
157.8476

■ 10.2623, 4.6322,
53.0632

■ 70.9683, 49.3363,
196.7344

■ 5.6368, 2.0331,
37.4652

■ 93.1827, 67.3096,
241.5346

■ 2.6641, 0.6266,
25.2693

■ 119.6073, 89.1907,
292.6667

■ 0.9787, 0.0000,
16.0569

■ 150.6075,
115.3640, 350.5493

■ 0.0000, 0.0000,
9.4097

186.5487,

■ 0.0000, 0.0000,

146.2138, 415.6009

4.9089

227.7962,
182.1245, 488.2400

■ 0.0000, 0.0000,
2.1361

■ 0.0000, 0.0000,
0.6371

■ 25.9329, 15.0189,
96.1399

■ 25.9329, 15.0189,
96.1399

■ 22.4098, 11.1291,
95.5748

■ 30.7983, 20.6283,
96.9662

■ 20.0855, 8.7542,
95.2388

■ 37.1242, 28.1285,
98.0804

■ 18.8074, 7.6105,
95.0854

■ 45.0184, 37.6704,
99.5061

■ 54.5775, 49.3896,
101.2643

■ 65.8905, 63.4099,
103.3743

■ 79.0397, 79.8456,
105.8536

■ 94.1023, 98.8035,
108.7190

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



15.5859, 15.0189, 125.4496



25.9329, 15.0189, 96.1399



35.2507, 15.0189, 46.9988

Triad

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



25.9329, 15.0189, 96.1399



22.7874, 15.0189, 0.0000



3.2579, 15.0189, 20.2755

Complementary

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



25.9329, 15.0189, 96.1399



69.3404, 88.6846, 20.1197

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.



3.8905, 15.0189, 3.1615



25.9329, 15.0189, 96.1399



13.0398, 15.0189, 0.0000

Square

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



25.9329, 15.0189, 96.1399



32.9763, 15.0189, 1.4856



6.7695, 15.0189, 0.0000



4.4504, 15.0189, 60.9505

Rectangle

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



25.9329, 15.0189, 96.1399



38.1838, 15.0189, 21.5091



6.7695, 15.0189, 0.0000



3.2698, 15.0189, 12.0948

Sweetspot

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



25.9337, 15.0192, 96.1399



65.3893, 62.7861, 103.2803



49.5275, 65.8676, 104.7111



13.2933, 12.5653, 21.9747



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.



25.9337, 15.0192, 96.1399



21.2459, 9.9084, 95.4005



41.5522, 23.0708, 96.8708



17.2472, 17.5036, 22.7195



9.9005, 4.0144, 49.6876



1.0336, 0.4268, 4.8412

Inverse Universe

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



57.8977, 31.9487, 77.2377



55.3525, 28.0268, 72.7871



48.0144, 77.6907, 19.1217



18.6732, 18.2526, 22.1620



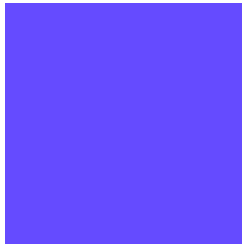
28.2150, 13.7753, 36.1123



2.7767, 1.3531, 3.6715

Previews

White Background



This preview shows how the XYZ color 25.9329, 15.0189, 96.1399 looks on a white background.

Color Contrast Check

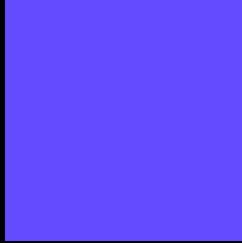
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9329, 15.0189, 96.1399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

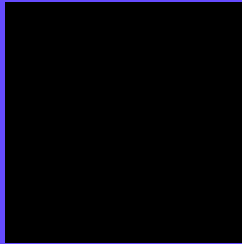
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9329, 15.0189, 96.1399

Background



This preview shows how black text looks on a background with the XYZ color 25.9329, 15.0189, 96.1399.



This preview shows how white text looks on a background with the XYZ color 25.9329, 15.0189,

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

25.9329, 15.0189, 96.1399

Protanopia

17.6052, 14.9626, 68.2898

Deuteranopia

14.5456, 14.7397, 49.0921



Tritanopia

11.1459, 14.9205, 22.3712

Trichromacy



Original Color

25.9329, 15.0189, 96.1399

Protanomaly

19.1011, 13.9915, 77.2952

Deuteranomaly

16.9213, 13.6962, 64.0391

Tritanomaly

14.3780, 13.5829, 41.9084

Monochromacy



Original Color

25.9329, 15.0189, 96.1399

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

15.5654, 13.1221, 34.0602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9329, 15.0189, 96.1399 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(101, 75, 255)` looks like.

```
.text, #text, p{  
    color:rgb(101, 75, 255)  
}
```

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(101, 75, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 75, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.9329, 15.0189, 96.1399 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(101, 75, 255) }
```


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

```
.border{ border-color:rgb(101, 75, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 75, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 75, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 75, 255);  
box-shadow:4px 4px 4px 4px rgb(101, 75,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9329, 15.0189, 96.1399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 75, 255) }
```

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

```
.background{ background-color: rgb(101, 75,  
255) }
```

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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