

Converting Colors

XYZ(28.6356, 15.8362, 96.1552)

Have a look what the booklet for
XYZ(28.6356, 15.8362, 96.1552)
contains.

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Color

**XYZ(28.6356, 15.8362,
96.1552)**

Conversions

Conversions Part 1

Format	Color
Hex	7D45FF
RGB	125, 69, 255
RGB Percent	49%, 27%, 100%
CMY	0.5098, 0.7294, 0.0000
CMYK	0.51, 0.73, 0.00, 0.00
HSL	258°, 100%, 64%
HSV	258°, 73%, 100%
XYZ	28.6356, 15.8362, 96.1552
YIQ	106.9480, -26.3300, 69.7180

Conversions

Conversions Part 2

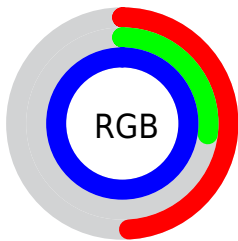
Format	Color
R _Y B	125, 69, 255
Decimal	8209919
CIE Lab	46.76, 64.68, -83.68
CIE LCh	47, 105.760, 307.703
Yxy	15.8362, 0.2036, 0.1126
Android (android.graphics.Color)	4286399999 (0xFF7D45FF)
YUV	106.9480, 72.9896, 15.8316
Hunter-Lab	39.7947, 58.8048, -115.4049

Details

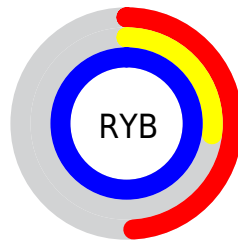
The XYZ color **28.6356, 15.8362, 96.1552** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **60.3854, 84.0908, 18.6786**, and the grayscale version is **13.7711, 14.4883, 15.7777**.

A 20% lighter version of the original color is **45.5031, 31.7039, 98.3289**, and **11.7296, 4.9954, 53.1693** is the 20% darker color. If you saturate the color by 10%, you get **25.0178, 12.1215, 95.6288**, and if you desaturate by 10%, it is **33.3952, 21.1387, 96.9278**.

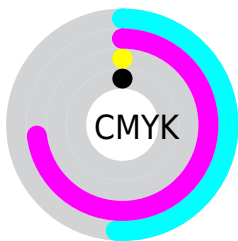
Distribution



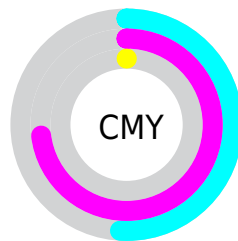
- Red (49%)
- Green (27%)
- Blue (100%)



- Red (49%)
- Yellow (27%)
- Blue (100%)



- Cyan (51%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6356, 15.8362, 96.1552 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 28.6356, 15.8362, 96.1552 by changing the saturation by 10% instead.

 28.6356, 15.8362,
96.1552


 28.6356, 15.8362,
96.1552


287.5170,
228.3732, 568.9352


 18.9482, 9.4083,
72.4946


 56.8992, 36.3136,
157.8689


 11.7367, 5.0085,
53.0735


 76.2061, 51.1319,
196.7591


 6.6355, 2.2522,
37.4733


 99.4503, 69.5158,
241.5629

 3.2795, 0.7482,
25.2755

 126.9971, 91.8497,
292.6989

 1.3032, 0.0000,
16.0616

 159.2117,
118.5180, 350.5855

 0.1857, 0.0000,
9.4129

196.4597,

 0.0000, 0.0000,

149.9051, 415.6415

4.9110

239.1064,
186.3954, 488.2852

■ 0.0000, 0.0000,
2.1373

■ 0.0000, 0.0000,
0.6378

■ 28.6356, 15.8362,
96.1552

■ 28.6356, 15.8362,
96.1552

■ 25.0178, 12.1215,
95.6288

■ 33.3952, 21.1387,
96.9278

■ 22.4211, 9.7944,
95.3165

■ 39.3938, 28.1934,
97.9733

■ 21.0932, 8.7888,
95.1924

■ 46.7202, 37.1445,
99.3149

■ 55.4539, 48.1205,
100.9732

65.6676, 61.2387,
102.9669

77.4290, 76.6071,
105.3134

90.8011, 94.3264,
108.0288

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.



17.5442, 15.8362, 131.5453



28.6356, 15.8362, 96.1552



38.0068, 15.8362, 44.4195

Triad

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



28.6356, 15.8362, 96.1552



22.7928, 15.8362, 0.0000



3.4598, 15.8362, 24.9460

Complementary

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



28.6356, 15.8362, 96.1552



60.3854, 84.0908, 18.6786

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.



3.9139, 15.8362, 4.2943



28.6356, 15.8362, 96.1552



12.8075, 15.8362, 0.0000

Square

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



28.6356, 15.8362, 96.1552



33.7859, 15.8362, 1.1223



6.6309, 15.8362, 0.0000



4.9591, 15.8362, 70.3288

Rectangle

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



28.6356, 15.8362, 96.1552



40.4801, 15.8362, 19.3502



6.6309, 15.8362, 0.0000



3.4056, 15.8362, 15.2945

Sweetspot

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



28.6364, 15.8366, 96.1552



66.7080, 62.5882, 103.1726



40.9736, 49.4240, 101.9880



13.6449, 12.5761, 21.9582



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.



28.6364, 15.8366, 96.1552



23.5850, 10.7853, 95.4465



49.0317, 26.3507, 97.1097



17.5172, 17.6428, 22.7321



11.1526, 4.6598, 49.7462



1.1907, 0.5078, 4.8485

Inverse Universe

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



53.6760, 29.6393, 56.9202



50.7354, 25.8255, 49.5663



42.8017, 75.0260, 17.8557



18.5460, 18.2017, 21.4923



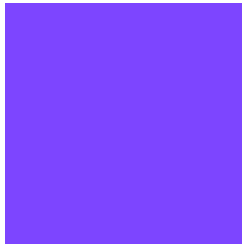
25.8283, 12.8206, 23.5442



2.5632, 1.2677, 2.5474

Previews

White Background



This preview shows how the XYZ color 28.6356, 15.8362, 96.1552 looks on a white background.

Color Contrast Check

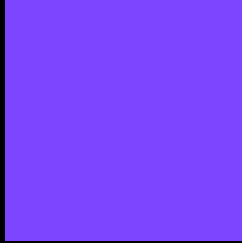
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6356, 15.8362, 96.1552 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 28.6356, 15.8362, 96.1552

Background



This preview shows how black text looks on a background with the XYZ color 28.6356, 15.8362, 96.1552.



This preview shows how white text looks on a background with the XYZ color 28.6356, 15.8362,

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

28.6356, 15.8362, 96.1552

Protanopia

18.7446, 15.7443, 73.2852

Deuteranopia

15.5308, 15.6605, 52.6563



Tritanopia

13.6066, 15.6951, 21.3811

Trichromacy



Original Color

28.6356, 15.8362, 96.1552



Protanomaly

20.1369, 14.4427, 81.0833



Deuteranomaly

17.7516, 14.0651, 66.7450



Tritanomaly

17.0696, 14.4232, 40.9140

Monochromacy



Original Color

28.6356, 15.8362, 96.1552



Achromatopsia

13.9749, 14.7027, 16.0113



Achromatomaly

17.2868, 13.9793, 35.5054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6356, 15.8362, 96.1552 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(125, 69, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 69, 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(125, 69, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 69, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.6356, 15.8362, 96.1552 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(125, 69, 255) }
```


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

```
.border{ border-color:rgb(125, 69, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 69, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 69, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 69, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 69,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6356, 15.8362, 96.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 69, 255) }
```

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

```
.background{ background-color: rgb(125, 69,  
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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