

Converting Colors

XYZ(47.1955, 25.3905, 97.0211)

Have a look what the booklet for
XYZ(47.1955, 25.3905, 97.0211)
contains.

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Color

**XYZ(47.3295, 25.4733,
97.0300)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D445FF |
| RGB | 212, 69, 255 |
| RGB Percent | 83%, 27%, 100% |
| CMY | 0.1686, 0.7294, 0.0000 |
| CMYK | 0.17, 0.73, 0.00, 0.00 |
| HSL | 286°, 100%, 64% |
| HSV | 286°, 73%, 100% |
| XYZ | 47.3295, 25.4733, 97.0300 |
| YIQ | 132.9610, 25.5220, 88.1620 |

Conversions

Conversions Part 2

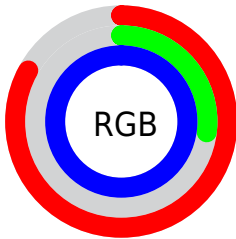
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 212, 69, 255 |
| Decimal | 13911551 |
| CIE Lab | 57.53, 79.35, -65.68 |
| CIE LCh | 58, 103.009, 320.386 |
| Yxy | 25.4733, 0.2787, 0.1500 |
| Android (android.graphics.Color) | 4292101631 (0xFFD445FF) |
| YUV | 132.9610, 60.1652, 69.3172 |
| Hunter-Lab | 50.4711, 79.0648, -78.6545 |

Details

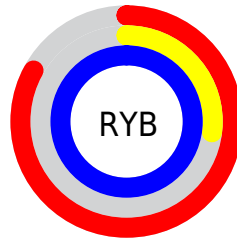
The XYZ color **47.3295, 25.4733, 97.0300** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **43.5168, 75.3946, 17.8901**, and the grayscale version is **22.0632, 23.2122, 25.2781**.

A 20% lighter version of the original color is **67.2726, 44.4453, 99.6409**, and **23.0269, 10.7066, 53.6763** is the 20% darker color. If you saturate the color by 10%, you get **44.4158, 22.1219, 96.5367**, and if you desaturate by 10%, it is **50.9806, 30.2052, 97.7510**.

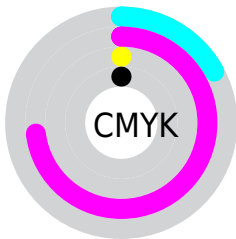
Distribution



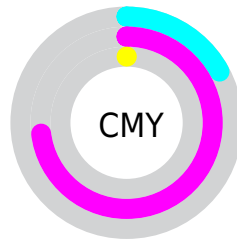
- Red (83%)
- Green (27%)
- Blue (100%)



- Red (83%)
- Yellow (27%)
- Blue (100%)



- Cyan (17%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3295, 25.4733, 97.0300 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 47.3295, 25.4733, 97.0300 by changing the saturation by 10% instead.

 47.3295, 25.4733,
97.0300


 47.3295, 25.4733,
97.0300

366.7552,
280.1869, 571.7931

 33.5053, 16.4300,
73.2195


 85.4210, 52.4240,
159.0858


 22.6749, 9.8290,
53.6626

 110.4190, 71.1003,
198.1682


 14.4730, 5.2857,
37.9406


 139.8722, 93.7563,
243.1782

 8.5343, 2.4159,
25.6351

 174.1461,
120.7765, 294.5345

 4.4933, 0.8340,
16.3276

 213.6060,
152.5452, 352.6557

 1.9848, 0.0000,
9.5994

258.6173,

 0.6254, 0.0000,

189.4470, 417.9601

5.0320

309.5452,
231.8660, 490.8664

■ 0.0000, 0.0000,
2.2070

■ 0.0000, 0.0000,
0.6784

■ 47.3295, 25.4733,
97.0300

■ 47.3295, 25.4733,
97.0300

■ 44.4158, 22.1219,
96.5367

■ 50.9806, 30.2052,
97.7510

■ 42.1426, 19.9614,
96.2395

■ 55.4433, 36.4683,
98.7247

■ 40.8280, 18.9625,
96.1160

■ 60.7857, 44.3969,
99.9734

■ 67.0675, 54.1092,
101.5170

74.3429, 65.7130,
103.3733

82.6619, 79.3072,
105.5588

92.0709, 94.9838,
108.0888

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.



33.4007, 25.4733, 151.6239



47.3295, 25.4733, 97.0300



55.7405, 25.4733, 40.6283

Triad

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



47.3295, 25.4733, 97.0300



28.3719, 25.4733, 0.0000



8.1405, 25.4733, 58.5802

Complementary

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



47.3295, 25.4733, 97.0300



43.5168, 75.3946, 17.8901

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.



7.5984, 25.4733, 17.9081



47.3295, 25.4733, 97.0300



16.8844, 25.4733, 0.1845

Square

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



47.3295, 25.4733, 97.0300



42.5975, 25.4733, 1.4521



10.1994, 25.4733, 3.1049



12.0637, 25.4733, 119.2155

Rectangle

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



47.3295, 25.4733, 97.0300



55.6443, 25.4733, 17.2462



10.1994, 25.4733, 3.1049



7.6240, 25.4733, 41.7964

Sweetspot

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



47.3306, 25.4743, 97.0302



75.0790, 66.9036, 103.5643



26.3435, 20.1631, 97.1112



15.6204, 13.5946, 22.0507



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.



47.3306, 25.4743, 97.0302



43.1921, 20.8932, 96.3641



54.4364, 29.9441, 60.9226



18.3580, 18.0763, 22.7714



21.4709, 9.9791, 50.2291



2.1855, 1.0206, 4.8951

Inverse Universe

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



46.2932, 26.6868, 18.0411



43.2608, 22.8357, 10.2055



41.5206, 74.1078, 29.4441



18.1814, 18.0559, 19.5723



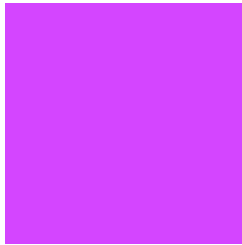
22.0074, 11.2923, 3.4236



2.1825, 1.1154, 0.5424

Previews

White Background



This preview shows how the XYZ color 47.3295, 25.4733, 97.0300 looks on a white background.

Color Contrast Check

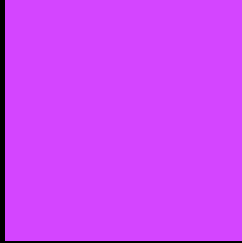
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 47.3295, 25.4733, 97.0300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

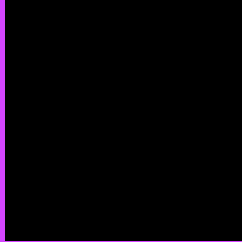
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.3295, 25.4733, 97.0300

Background



This preview shows how black text looks on a background with the XYZ color 47.3295, 25.4733, 97.0300.



This preview shows how white text looks on a background with the XYZ color 47.3295, 25.4733,

97.0300.

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

47.3295, 25.4733, 97.0300

Protanopia

29.5380, 26.0038, 98.0702

Deuteranopia

26.8224, 25.8802, 88.3757



Tritanopia

31.7611, 25.0542, 22.2307

Trichromacy



Original Color

47.3295, 25.4733, 97.0300



Protanomaly

32.0466, 22.8740, 97.3338



Deuteranomaly

28.9902, 21.9382, 90.7022



Tritanomaly

35.6335, 23.9933, 41.7828

Monochromacy



Original Color

47.3295, 25.4733, 97.0300



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

28.4120, 22.0076, 44.3454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3295, 25.4733, 97.0300 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(212, 69, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 69, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 69, 255) }
```

Border

The CSS property to change the border of an element to XYZ 47.3295, 25.4733, 97.0300 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(212, 69, 255) }
```


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

```
.border{ border-color:rgb(212, 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(212, 69, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 69, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 69, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 69,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3295, 25.4733, 97.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 69, 255) }
```

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

```
.background{ background-color: rgb(212, 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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