

Converting Colors

XYZ(46.3650, 27.6516, 93.2539)

Have a look what the booklet for
XYZ(46.3650, 27.6516, 93.2539)
contains.

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Color

**XYZ(46.2593, 27.5356,
93.3192)**

Conversions

Conversions Part 1

Format	Color
Hex	CD5CFA
RGB	205, 92, 250
RGB Percent	80%, 36%, 98%
CMY	0.1961, 0.6392, 0.0196
CMYK	0.18, 0.63, 0.00, 0.02
HSL	283°, 94%, 67%
HSV	283°, 63%, 98%
XYZ	46.2593, 27.5356, 93.3192
YIQ	143.7990, 16.6300, 73.0940

Conversions

Conversions Part 2

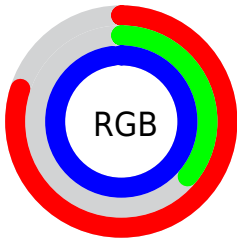
Format	Color
R_{YB}	205, 92, 250
Decimal	13458682
CIE _{Lab}	59.47, 68.01, -59.86
CIE _{LCh}	59, 90.603, 318.647
Yxy	27.5356, 0.2768, 0.1648
Android (android.graphics.Color)	4291648762 (0xFFCD5CFA)
YUV	143.7990, 52.3571, 53.6733
Hunter-Lab	52.4744, 65.5283, -68.7079

Details

The XYZ color **46.2593, 27.5356, 93.3192** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **46.4347, 74.4629, 22.0517**, and the grayscale version is **26.2213, 27.5869, 30.0421**.

A 20% lighter version of the original color is **69.8799, 49.6598, 100.5100**, and **22.1225, 10.9818, 51.4058** is the 20% darker color. If you saturate the color by 10%, you get **42.5205, 22.9068, 92.6233**, and if you desaturate by 10%, it is **50.8040, 33.6411, 94.2586**.

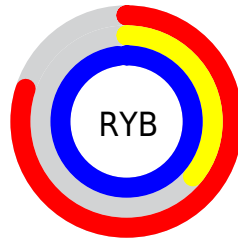
Distribution



Red (80%)

Green (36%)

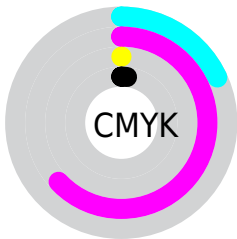
Blue (98%)



Red (80%)

Yellow (36%)

Blue (98%)

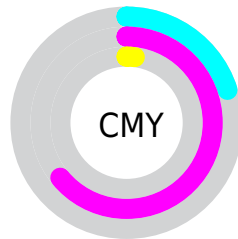


Cyan (18%)

Magenta (63%)

Yellow (0%)

Black (2%)



Cyan (20%)


Magenta (64%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2593, 27.5356, 93.3192 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 46.2593, 27.5356, 93.3192 by changing the saturation by 10% instead.


 46.2593, 27.5356,
93.3192

 46.2593, 27.5356,
93.3192

362.5486,
290.2411, 559.6163


 32.6560, 17.9759,
70.1477

 83.8324, 55.7421,
153.9160


 22.0210, 10.9327,
51.1694


 108.5329, 75.1578,
192.1784

 13.9890, 6.0216,
35.9658


 137.6632, 98.6275,
236.3081

 8.1947, 2.8582,
24.1183

 171.5886,
126.5357, 286.7237

 4.2726, 1.0582,
15.2084

210.6745,
159.2667, 343.8438

 1.8575, 0.0000,
8.8175

255.2862,

 0.5519, 0.0000,

197.2051, 408.0869

4.5272

305.7892,
240.7351, 479.8716

■ 0.0000, 0.0000,
1.9188

■ 0.0000, 0.0000,
0.5046

■ 46.2593, 27.5356,
93.3192

■ 46.2593, 27.5356,
93.3192

■ 42.5205, 22.9068,
92.6233

■ 50.8040, 33.6411,
94.2586

■ 39.5096, 19.6040,
92.1444


■ 56.2156, 41.3473,
95.4608


■ 37.1374, 17.4494,
91.8536


■ 62.5529, 50.7688,
96.9453


■ 35.7994, 16.4620,
91.7335

■ 69.8682, 62.0085,
98.7293

 78.2098, 75.1613,
100.8284

 87.6223, 90.3152,
103.2573

 94.1978, 99.6525,
104.7130

 94.2554, 99.6822,
104.7157

Harmonies

Analogous

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



33.8052, 27.5356, 137.0899



46.2593, 27.5356, 93.3192



54.0011, 27.5356, 44.0782

Triad

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



46.2593, 27.5356, 93.3192



30.7172, 27.5356, 0.9577



10.4381, 27.5356, 54.7963

Complementary

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



46.2593, 27.5356, 93.3192



46.4347, 74.4629, 22.0517

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.



10.0528, 27.5356, 19.2651



46.2593, 27.5356, 93.3192



19.7837, 27.5356, 1.1807

Square

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



46.2593, 27.5356, 93.3192



43.4427, 27.5356, 3.2600



12.9488, 27.5356, 4.7193



14.2188, 27.5356, 105.8521

Rectangle

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



46.2593, 27.5356, 93.3192



54.2923, 27.5356, 21.5167



12.9488, 27.5356, 4.7193



9.9584, 27.5356, 40.4180

Sweetspot

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



46.2604, 27.5367, 93.3198



76.5983, 70.3641, 104.1522



30.9606, 27.7599, 94.1693



15.8756, 14.2460, 22.1630



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.



46.2604, 27.5367, 93.3198



43.4968, 22.8314, 96.7221



55.9595, 33.0621, 70.0376



17.4831, 17.2617, 21.7957



19.1376, 8.8085, 48.6651



1.8766, 0.8695, 4.5121

Inverse Universe

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



47.7676, 29.7854, 26.8994



46.0949, 25.8891, 19.2114



42.2129, 72.0923, 30.6280



17.4478, 17.3065, 18.9480



21.5717, 11.0444, 4.4533



2.0414, 1.0403, 0.6413

Previews

White Background



This preview shows how the XYZ color 46.2593, 27.5356, 93.3192 looks on a white background.

Color Contrast Check

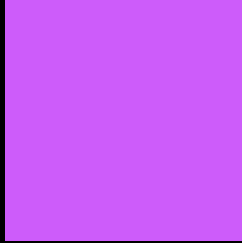
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.2593, 27.5356, 93.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

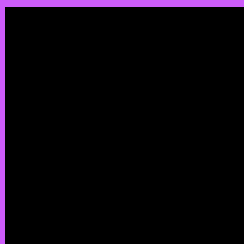
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 46.2593, 27.5356, 93.3192

Background



This preview shows how black text looks on a background with the XYZ color 46.2593, 27.5356, 93.3192.



This preview shows how white text looks on a background with the XYZ color 46.2593, 27.5356,

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

46.2593, 27.5356, 93.3192

Protanopia

31.3586, 28.0024, 98.3600

Deuteranopia

28.7620, 27.8156, 86.2911



Tritanopia

32.5731, 27.3623, 26.4863

Trichromacy



Original Color

46.2593, 27.5356, 93.3192



Protanomaly

34.0185, 26.0036, 96.1547



Deuteranomaly

31.9749, 25.4840, 88.8216



Tritanomaly

36.2013, 26.6783, 44.8364

Monochromacy



Original Color

46.2593, 27.5356, 93.3192



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

31.6067, 26.1931, 48.1897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2593, 27.5356, 93.3192 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(205, 92, 250)` looks like.

```
.text, #text, p{  
    color:rgb(205, 92, 250)  
}
```

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(205, 92, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 92, 250) }
```

Border

The CSS property to change the border of an element to XYZ 46.2593, 27.5356, 93.3192 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(205, 92, 250) }
```


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

```
.border{ border-color:rgb(205, 92, 250) }
```

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

Here you see how a box with a 4 pixel rgb(205, 92, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 92, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 92, 250);  
box-shadow:4px 4px 4px 4px rgb(205, 92,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2593, 27.5356, 93.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 92, 250) }
```

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

```
.background{ background-color: rgb(205, 92,  
250) }
```

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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