

Converting Colors

XYZ(45.0144, 29.8346,
106.3063)

Have a look what the booklet for
XYZ(45.0144, 29.8346, 106.3063)
contains.

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Color

**XYZ(43.3587, 29.1997,
97.9586)**

Conversions

Conversions Part 1

Format	Color
Hex	B672FF
RGB	182, 114, 255
RGB Percent	71%, 45%, 100%
CMY	0.2863, 0.5529, 0.0000
CMYK	0.29, 0.55, 0.00, 0.00
HSL	269°, 100%, 72%
HSV	269°, 55%, 100%
XYZ	43.3587, 29.1997, 97.9586
YIQ	150.4060, -4.7330, 58.2670

Conversions

Conversions Part 2

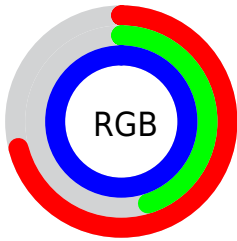
Format	Color
R_{YB}	182, 114, 255
Decimal	11956991
CIE _{Lab}	60.96, 53.19, -60.39
CIE _{LCh}	61, 80.472, 311.372
Yxy	29.1997, 0.2543, 0.1712
Android (android.graphics.Color)	4290147071 (0xFFB672FF)
YUV	150.4060, 51.5648, 27.7079
Hunter-Lab	54.0367, 48.6628, -69.6561

Details

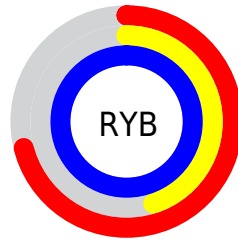
The XYZ color **43.3587, 29.1997, 97.9586** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **59.2908, 83.2997, 28.8739**, and the grayscale version is **28.9520, 30.4598, 33.1707**.

A 20% lighter version of the original color is **68.3283, 53.9260, 101.4152**, and **20.2581, 11.8364, 54.0403** is the 20% darker color. If you saturate the color by 10%, you get **37.9008, 22.6954, 96.9908**, and if you desaturate by 10%, it is **49.9143, 37.4606, 99.2076**.

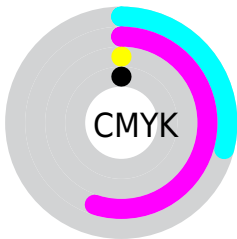
Distribution



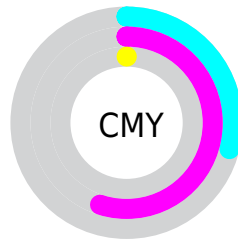
- Red (71%)
- Green (45%)
- Blue (100%)



- Red (71%)
- Yellow (45%)
- Blue (100%)



- Cyan (29%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3587, 29.1997, 97.9586 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 43.3587, 29.1997, 97.9586 by changing the saturation by 10% instead.

43.3587, 29.1997,
97.9586

43.3587, 29.1997,
97.9586

350.9814,
298.1560, 574.8184

30.3624, 19.2319,
73.9894

79.5042, 58.3942,
160.3763

20.2633, 11.8380,
54.2886

103.3841, 78.3898,
199.6619

12.6959, 6.6335,
38.4377

131.6226,
102.4967, 244.8901

7.2950, 3.2339,
26.0181

164.5851,
131.0994, 296.4794

3.6953, 1.2551,
16.6113

202.6368,
164.5823, 354.8483

1.5312, 0.1060,
9.7987

246.1432,

0.3469, 0.0000,

203.3298, 420.4155

5.1619

295.4696,
247.7262, 493.5993

■ 0.0000, 0.0000,
2.2822

■ 0.0000, 0.0000,
0.7212

■ 43.3587, 29.1997,
97.9586

■ 43.3587, 29.1997,
97.9586

■ 37.9008, 22.6954,
96.9908

■ 49.9143, 37.4606,
99.2076

■ 33.4606, 17.8034,
96.2806

■ 57.6326, 47.6002,
100.7579

■ 29.9511, 14.3607,
95.8010

■ 66.5770, 59.7330,
102.6284

■ 27.2646, 12.1655,
95.5189

■ 76.8050, 73.9631,
104.8360

■ 26.2158, 11.4296,
95.4322

■ 88.3701, 90.3874,
107.3967

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.



31.9298, 29.1997, 128.9077



43.3587, 29.1997, 97.9586



51.6312, 29.1997, 54.0817

Triad

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



43.3587, 29.1997, 97.9586



34.7181, 29.1997, 2.4455



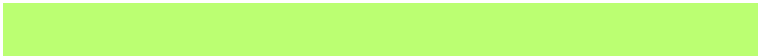
12.2876, 29.1997, 44.6184

Complementary

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



43.3587, 29.1997, 97.9586



59.2908, 83.2997, 28.8739

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.



12.6759, 29.1997, 16.6644



43.3587, 29.1997, 97.9586



23.9581, 29.1997, 2.1186

Square

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



43.3587, 29.1997, 97.9586



45.8380, 29.1997, 6.8380



16.4294, 29.1997, 5.1430



15.1878, 29.1997, 87.4019

Rectangle

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



43.3587, 29.1997, 97.9586



53.2394, 29.1997, 30.4282



16.4294, 29.1997, 5.1430



12.0620, 29.1997, 33.1990

Sweetspot

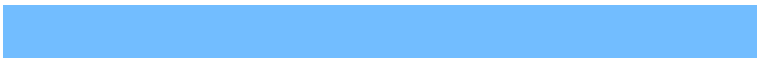
The Sweet Spot groups the original color and five complimentary colors.



43.3598, 29.2008, 97.9587



74.9659, 71.3813, 104.4346



43.2307, 47.2795, 101.4551



15.5931, 14.6456, 22.2550



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.



43.3598, 29.2008, 97.9587



37.5543, 22.2983, 96.9324



63.5996, 39.6347, 98.9059



17.8367, 17.8076, 22.7471



13.8688, 6.0601, 49.8733



1.4758, 0.6547, 4.8619

Inverse Universe

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



56.2272, 36.8831, 51.1691



52.2476, 31.0773, 43.2033



46.3644, 76.6359, 28.2690



18.4021, 18.1441, 20.7345



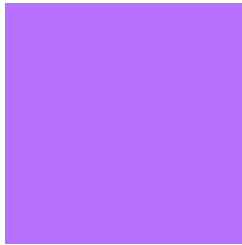
23.8016, 12.0099, 12.8714



2.3727, 1.1915, 1.5441

Previews

White Background



This preview shows how the XYZ color 43.3587, 29.1997, 97.9586 looks on a white background.

Color Contrast Check

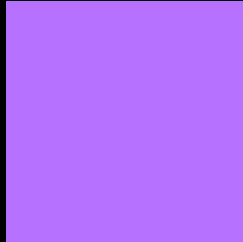
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3587, 29.1997, 97.9586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

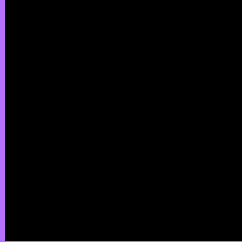
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.3587, 29.1997, 97.9586

Background



This preview shows how black text looks on a background with the XYZ color 43.3587, 29.1997, 97.9586.

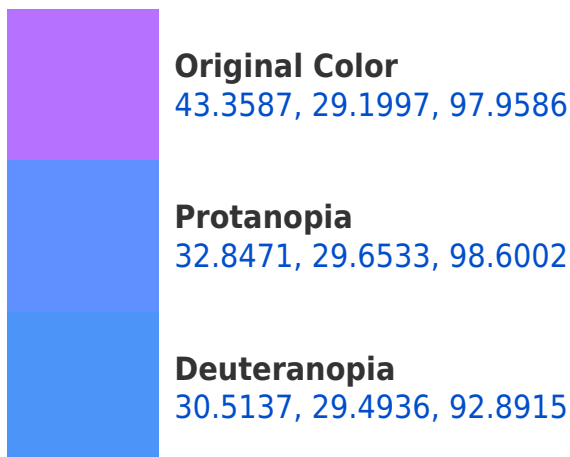


This preview shows how white text looks on a background with the XYZ color 43.3587, 29.1997,

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





Tritanopia

30.2966, 29.1033, 33.7265

Trichromacy



Original Color

43.3587, 29.1997, 97.9586



Protanomaly

35.1899, 28.5071, 98.2554



Deuteranomaly

33.2870, 28.2182, 94.9590



Tritanomaly

33.8792, 28.4528, 51.8504

Monochromacy



Original Color

43.3587, 29.1997, 97.9586



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

32.9231, 29.2035, 51.4786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3587, 29.1997, 97.9586 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(182, 114, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 114, 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(182, 114, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 114, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.3587, 29.1997, 97.9586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

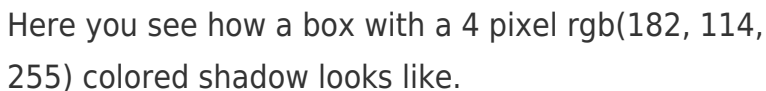
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 114, 255) }
```


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

```
.border{ border-color:rgb(182, 114, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 114, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 114, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 114, 255); box-shadow:4px 4px 4px 4px rgb(182, 114, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3587, 29.1997, 97.9586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 114, 255) }
```

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

```
.background{ background-color: rgb(182,  
114, 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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