

Converting Colors

XYZ(52.9514, 28.5957, 97.3364)

Have a look what the booklet for
XYZ(52.9514, 28.5957, 97.3364)
contains.

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Color

**XYZ(52.9364, 28.5495,
97.3283)**

Conversions

Conversions Part 1

Format	Color
Hex	E647FF
RGB	230, 71, 255
RGB Percent	90%, 28%, 100%
CMY	0.0980, 0.7215, 0.0000
CMYK	0.10, 0.72, 0.00, 0.00
HSL	292°, 100%, 64%
HSV	292°, 72%, 100%
XYZ	52.9364, 28.5495, 97.3283
YIQ	139.5170, 35.7000, 90.9320

Conversions

Conversions Part 2

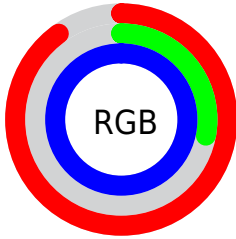
Format	Color
R _Y B	230, 71, 255
Decimal	15091711
CIE Lab	60.38, 82.15, -60.97
CIE LCh	60, 102.298, 323.418
Yxy	28.5495, 0.2960, 0.1597
Android (android.graphics.Color)	4293281791 (0xFFE647FF)
YUV	139.5170, 56.9331, 79.3536
Hunter-Lab	53.4317, 83.3397, -70.5972

Details

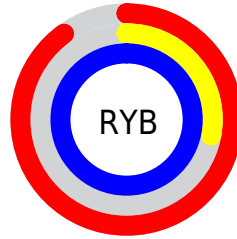
The XYZ color **52.9364, 28.5495, 97.3283** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **41.7219, 74.4621, 18.1360**, and the grayscale version is **24.5190, 25.7959, 28.0917**.

A 20% lighter version of the original color is **67.6775, 45.2551, 99.7758**, and **26.6556, 12.5773, 53.8461** is the 20% darker color. If you saturate the color by 10%, you get **50.5408, 25.3915, 96.8450**, and if you desaturate by 10%, it is **56.0361, 33.0808, 98.0395**.

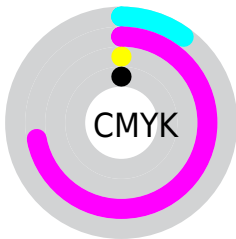
Distribution



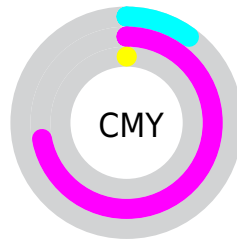
- Red (90%)
- Green (28%)
- Blue (100%)



- Red (90%)
- Yellow (28%)
- Blue (100%)



- Cyan (10%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)





- Cyan (10%)
- Magenta (72%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9364, 28.5495, 97.3283 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 52.9364, 28.5495, 97.3283 by changing the saturation by 10% instead.


 52.9364, 28.5495,
97.3283


 52.9364, 28.5495,
97.3283

388.3059,
295.0834, 572.7659


 37.9793, 18.7403,
73.4668

 93.6769, 57.3606,
159.5005

 26.1437, 11.4828,
53.8636


 120.1909, 77.1312,
198.6482

 17.0645, 6.3925,
38.1002


 151.2880,
100.9911, 243.7285

 10.3760, 3.0852,
25.7580

 187.3334,
129.3247, 295.1597

 5.7132, 1.1764,
16.4186

228.6925,
162.5163, 353.3606

 2.7105, 0.0423,
9.6633

275.7308,

 1.0026, 0.0000,

200.9503, 418.7495

5.0736

328.8135,
245.0113, 491.7451

■ 0.0000, 0.0000,
2.2310

■ 0.0000, 0.0000,
0.6922

■ 52.9364, 28.5495,
97.3283

■ 52.9364, 28.5495,
97.3283

■ 50.5408, 25.3915,
96.8450

■ 56.0361, 33.0808,
98.0395

■ 48.7543, 23.4202,
96.5586

■ 59.9124, 39.1334,
99.0035

■ 47.6728, 22.4911,
96.4363

■ 64.6324, 46.8400,
100.2423

■ 70.2546, 56.3178,
101.7753

76.8325, 67.6735,
103.6205

84.4152, 81.0050,
105.7941

93.0485, 96.4038,
108.3113

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.



38.4811, 28.5495, 156.2003



52.9364, 28.5495, 97.3283



60.8172, 28.5495, 40.1497

Triad

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



52.9364, 28.5495, 97.3283



30.1391, 28.5495, 0.1736



9.9136, 28.5495, 69.6802

Complementary

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



52.9364, 28.5495, 97.3283



41.7219, 74.4621, 18.1360

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.



8.9659, 28.5495, 23.4999



52.9364, 28.5495, 97.3283



18.2728, 28.5495, 0.7156

Square

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



52.9364, 28.5495, 97.3283



45.1737, 28.5495, 1.6554



11.4703, 28.5495, 4.8153



14.6801, 28.5495, 133.0861

Rectangle

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



52.9364, 28.5495, 97.3283



59.9245, 28.5495, 17.1231



11.4703, 28.5495, 4.8153



9.2186, 28.5495, 51.1088

Sweetspot

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



52.9375, 28.5507, 97.3285



76.9417, 67.8638, 103.6515



25.0736, 17.4090, 96.6465



16.0652, 13.8238, 22.0715



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.



52.9375, 28.5507, 97.3285



49.6054, 24.3009, 96.6838



52.8539, 29.5114, 51.9717



18.5357, 18.1679, 22.7798



25.0040, 11.8005, 50.3945



2.4987, 1.1821, 4.9097

Inverse Universe

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



45.6052, 26.6119, 13.8004



42.6934, 22.7182, 6.8803



42.7607, 74.6205, 35.2207



18.1098, 18.0272, 19.1956



21.7351, 11.1833, 1.9894



2.1456, 1.1006, 0.3481

Previews

White Background



This preview shows how the XYZ color 52.9364, 28.5495, 97.3283 looks on a white background.

Color Contrast Check

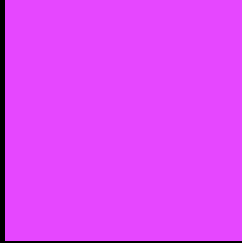
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.9364, 28.5495, 97.3283 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 52.9364, 28.5495, 97.3283

Background



This preview shows how black text looks on a background with the XYZ color 52.9364, 28.5495, 97.3283.



This preview shows how white text looks on a background with the XYZ color 52.9364, 28.5495,

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

52.9364, 28.5495, 97.3283

Protanopia

32.1366, 28.8413, 98.4809

Deuteranopia

30.0047, 29.0878, 88.8271



Tritanopia

37.3876, 28.1176, 22.8587

Trichromacy



Original Color

52.9364, 28.5495, 97.3283



Protanomaly

35.4507, 25.4616, 97.6539



Deuteranomaly

33.3770, 25.0599, 91.0736



Tritanomaly

41.2170, 27.1530, 42.0984

Monochromacy



Original Color

52.9364, 28.5495, 97.3283



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

31.8078, 24.5231, 47.3129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9364, 28.5495, 97.3283 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(230, 71, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 71, 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(230, 71, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 71, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.9364, 28.5495, 97.3283 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(230, 71, 255) }
```


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

```
.border{ border-color:rgb(230, 71, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 71, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 71, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 71, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 71,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9364, 28.5495, 97.3283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 71, 255) }
```

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

```
.background{ background-color: rgb(230, 71,  
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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