

Converting Colors

XYZ(60.2798, 32.4733, 91.1020)

Have a look what the booklet for
XYZ(60.2798, 32.4733, 91.1020)
contains.

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Color

**XYZ(60.2817, 32.4819,
91.0881)**

Conversions

Conversions Part 1

Format	Color
Hex	FF47F7
RGB	255, 71, 247
RGB Percent	100%, 28%, 97%
CMY	0.0000, 0.7215, 0.0314
CMYK	0.00, 0.72, 0.03, 0.00
HSL	303°, 100%, 64%
HSV	303°, 72%, 100%
XYZ	60.2817, 32.4819, 91.0881
YIQ	146.0800, 53.1680, 93.7440

Conversions

Conversions Part 2

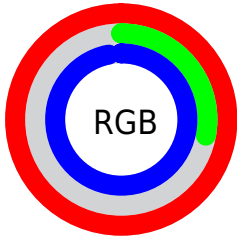
Format	Color
R _Y B	255, 71, 247
Decimal	16730103
CIE Lab	63.74, 85.88, -50.97
CIE LCh	64, 99.870, 329.313
Yxy	32.4819, 0.3279, 0.1767
Android (android.graphics.Color)	4294920183 (0xFFFF47F7)
YUV	146.0800, 49.7536, 95.5228
Hunter-Lab	56.9929, 89.0629, -54.8644

Details

The XYZ color **60.2817, 32.4819, 91.0881** 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 **39.7709, 73.4246, 19.4752**, and the grayscale version is **27.1437, 28.5573, 31.0989**.

A 20% lighter version of the original color is **67.9540, 45.8079, 99.8680**, and **31.5424, 15.1870, 49.9841** is the 20% darker color. If you saturate the color by 10%, you get **58.8159, 29.8231, 89.7582**, and if you desaturate by 10%, it is **62.4298, 36.5032, 92.6512**.

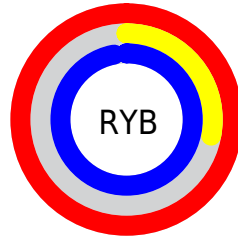
Distribution



Red (100%)

Green (28%)

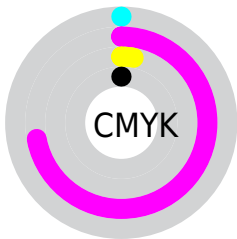
Blue (97%)



Red (100%)

Yellow (28%)

Blue (97%)

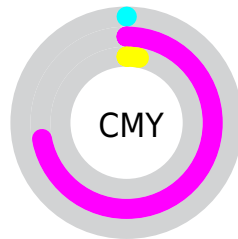


Cyan (0%)

Magenta (72%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (72%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2817, 32.4819, 91.0881 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 60.2817, 32.4819, 91.0881 by changing the saturation by 10% instead.


 60.2817, 32.4819,
91.0881


 60.2817, 32.4819,
91.0881

415.4535,
313.3086, 552.2252

 43.8961, 21.7298,
68.3047

 104.3422, 63.5658,
150.7976


 30.7864, 13.6585,
49.6774


 132.7478, 84.6664,
188.5607

 20.5873, 7.8836,
34.7878


 165.8908,
109.9854, 232.1542

 12.9334, 4.0205,
23.2172

 204.1364,
139.9070, 281.9965

 7.4594, 1.6851,
14.5472

247.8502,
174.8158, 338.5063

 3.7999, 0.4140,
8.3591

297.3974,

 1.5895, 0.0000,

215.0961, 402.1019

4.2345

353.1433,
261.1322, 473.2021

■ 0.3856, 0.0000,
1.7549

■ 0.0000, 0.0000,
0.3979

■ 60.2817, 32.4819,
91.0881

■ 60.2817, 32.4819,
91.0881

■ 58.8159, 29.8231,
89.7582

■ 62.4298, 36.5032,
92.6512

■ 57.9387, 28.3400,
88.6292

■ 65.3336, 42.0347,
94.4708

■ 57.5559, 27.7864,
87.8486

■ 69.0598, 49.2090,
96.5696

■ 73.6668, 58.1435,
98.9671

79.2079, 68.9445,
101.6809

85.7321, 81.7102,
104.7276

93.2851, 96.5317,
108.1222

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.



46.0119, 32.4819, 154.1318



60.2817, 32.4819, 91.0881



66.3597, 32.4819, 36.3000

Triad

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



60.2817, 32.4819, 91.0881



31.1971, 32.4819, 0.7014



12.8500, 32.4819, 88.1120

Complementary

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



60.2817, 32.4819, 91.0881



39.7709, 73.4246, 19.4752

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.



11.0242, 32.4819, 34.4507



60.2817, 32.4819, 91.0881



19.4829, 32.4819, 1.7423

Square

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



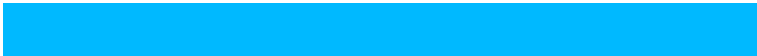
60.2817, 32.4819, 91.0881



46.7454, 32.4819, 1.8695



13.0308, 32.4819, 8.8126



19.0743, 32.4819, 151.6779

Rectangle

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



60.2817, 32.4819, 91.0881



63.8724, 32.4819, 15.5103



13.0308, 32.4819, 8.8126



11.8031, 32.4819, 67.4722

Sweetspot

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



60.2824, 32.4832, 91.0887



79.3002, 69.1247, 101.7250



23.3760, 13.3115, 95.9451



16.6306, 14.1262, 21.6086



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.



60.2824, 32.4832, 91.0887



58.3236, 28.9703, 89.1880



49.5687, 28.1977, 34.6711



18.7565, 18.2859, 22.6011



30.0893, 14.5250, 45.9819



2.9398, 1.4183, 4.5306

Inverse Universe

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



60.2824, 32.4832, 91.0887



58.3236, 28.9703, 89.1880



45.5337, 75.7297, 49.8215



18.7565, 18.2859, 22.6011



30.0893, 14.5250, 45.9819



2.9398, 1.4183, 4.5306

Previews

White Background



This preview shows how the XYZ color 60.2817, 32.4819, 91.0881 looks on a white background.

Color Contrast Check

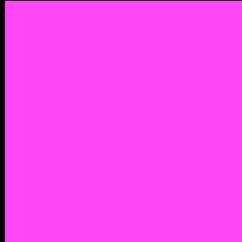
Large Text (above 18pt) WCAG AA × Fail

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 60.2817, 32.4819, 91.0881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

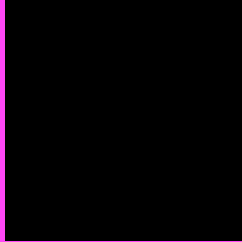
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2817, 32.4819, 91.0881

Background



This preview shows how black text looks on a background with the XYZ color 60.2817, 32.4819, 91.0881.



This preview shows how white text looks on a background with the XYZ color 60.2817, 32.4819,

91.0881.

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

60.2817, 32.4819, 91.0881

Protanopia

35.5470, 32.6682, 99.0398

Deuteranopia

33.6093, 32.7647, 82.3947



Tritanopia

45.8058, 32.1405, 22.2019

Trichromacy



Original Color

60.2817, 32.4819, 91.0881



Protanomaly

39.6345, 28.7339, 95.5527



Deuteranomaly

38.7240, 28.8628, 85.1915



Tritanomaly

49.3488, 31.1182, 39.9647

Monochromacy



Original Color

60.2817, 32.4819, 91.0881



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

35.3938, 27.0517, 48.1558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2817, 32.4819, 91.0881 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(255, 71, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 247)  
}
```

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(255, 71, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 247) }
```

Border

The CSS property to change the border of an element to XYZ 60.2817, 32.4819, 91.0881 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(255, 71, 247) }
```


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

```
.border{ border-color:rgb(255, 71, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 71, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2817, 32.4819, 91.0881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 247) }
```

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

```
.background{ background-color: rgb(255, 71,  
247) }
```

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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