

Converting Colors

XYZ(60.5053, 32.5079, 96.0162)

Have a look what the booklet for
XYZ(60.5053, 32.5079, 96.0162)
contains.

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Color

**XYZ(60.4909, 32.4810,
96.0097)**

Conversions

Conversions Part 1

Format	Color
Hex	FD47FD
RGB	253, 71, 253
RGB Percent	99%, 28%, 99%
CMY	0.0078, 0.7215, 0.0078
CMYK	0.00, 0.72, 0.00, 0.01
HSL	300°, 98%, 64%
HSV	300°, 72%, 99%
XYZ	60.4909, 32.4810, 96.0097
YIQ	146.1660, 50.0500, 95.1860

Conversions

Conversions Part 2

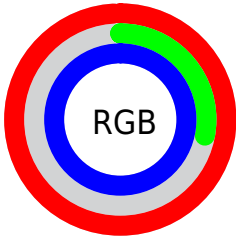
Format	Color
R _{YB}	253, 71, 253
Decimal	16599037
CIE Lab	63.74, 86.38, -54.31
CIE LCh	64, 102.036, 327.845
Yxy	32.4810, 0.3201, 0.1719
Android (android.graphics.Color)	4294789117 (0xFFFD47FD)
YUV	146.1660, 52.6692, 93.6934
Hunter-Lab	56.9921, 89.7221, -59.9863

Details

The XYZ color **60.4909, 32.4810, 96.0097** 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 **38.8627, 72.0467, 17.8211**, and the grayscale version is **27.1682, 28.5831, 31.1270**.

A 20% lighter version of the original color is **67.9540, 45.8079, 99.8680**, and **31.7020, 15.1920, 53.4860** is the 20% darker color. If you saturate the color by 10%, you get **59.2040, 29.9062, 95.5808**, and if you desaturate by 10%, it is **62.4495, 36.3972, 96.6629**.

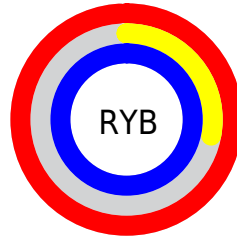
Distribution



Red (99%)

Green (28%)

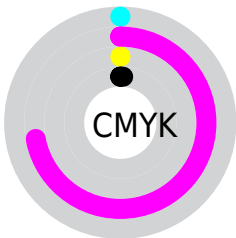
Blue (99%)



Red (99%)

Yellow (28%)

Blue (99%)

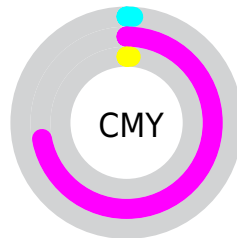


Cyan (0%)

Magenta (72%)

Yellow (0%)

Black (1%)



Cyan (1%)


Magenta (72%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4909, 32.4810, 96.0097 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 60.4909, 32.4810, 96.0097 by changing the saturation by 10% instead.


 60.4909, 32.4810,
96.0097


 60.4909, 32.4810,
96.0097

416.2107,
313.3046, 568.4591


 44.0654, 21.7292,
72.3741


 104.6437, 63.5644,
157.6664


 30.9201, 13.6580,
52.9756


 133.1018, 84.6647,
196.5245

 20.6895, 7.8832,
37.3957


 166.3015,
109.9833, 241.2940

 13.0084, 4.0203,
25.2159

 204.6080,
139.9046, 292.3932

 7.5114, 1.6849,
16.0175

248.3869,
174.8130, 350.2408

 3.8331, 0.4139,
9.3820

298.0034,

 1.6081, 0.0000,

215.0929, 415.2553

4.8910

353.8228,
261.1286, 487.8552

■ 0.3977, 0.0000,
2.1258

■ 0.0000, 0.0000,
0.6311

■ 60.4909, 32.4810,
96.0097

■ 60.4909, 32.4810,
96.0097

■ 59.2040, 29.9062,
95.5808

■ 62.4495, 36.3972,
96.6629

■ 58.4957, 28.4897,
95.3446

■ 65.1501, 41.7982,
97.5633

■ 58.2383, 27.9748,
95.2587

■ 68.6581, 48.8142,
98.7327

■ 73.0309, 57.5599,
100.1905

78.3207, 68.1394,
101.9539

84.5755, 80.6489,
104.0390

91.8399, 95.1776,
106.4606

93.9986, 99.4949,
107.1803

93.9986, 99.4950,
107.1804

Harmonies

Analogous

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



45.5778, 32.4810, 160.6829



60.4909, 32.4810, 96.0097



67.3055, 32.4810, 38.4112

Triad

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



60.4909, 32.4810, 96.0097



31.9179, 32.4810, 0.5544



12.3837, 32.4810, 86.3696

Complementary

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



60.4909, 32.4810, 96.0097



38.8627, 72.0467, 17.8211

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.



10.7413, 32.4810, 32.4867



60.4909, 32.4810, 96.0097



19.7282, 32.4810, 1.4365

Square

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



60.4909, 32.4810, 96.0097



47.9397, 32.4810, 1.8156



12.9547, 32.4810, 7.8316



18.4290, 32.4810, 152.6953

Rectangle

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



60.4909, 32.4810, 96.0097



65.1378, 32.4810, 16.3078



12.9547, 32.4810, 7.8316



11.3990, 32.4810, 65.4009

Sweetspot

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



60.4922, 32.4825, 96.0104



79.6904, 69.2808, 103.7798



22.5829, 12.9395, 94.2373



16.7244, 14.1637, 22.1023



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.



60.4922, 32.4825, 96.0104



59.9116, 29.7236, 97.1860



49.2845, 27.9994, 36.9918



18.7928, 18.3004, 22.7918



30.9802, 14.8814, 50.6734



3.0164, 1.4489, 4.9339

Inverse Universe

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



60.4922, 32.4825, 96.0104



59.9116, 29.7236, 97.1860



44.2471, 74.2004, 46.1750



18.7928, 18.3004, 22.7918



30.9802, 14.8814, 50.6734



3.0164, 1.4489, 4.9339

Previews

White Background



This preview shows how the XYZ color 60.4909, 32.4810, 96.0097 looks on a white background.

Color Contrast Check

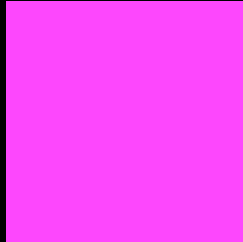
Large Text (above 18pt) WCAG AA × Fail

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 60.4909, 32.4810, 96.0097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

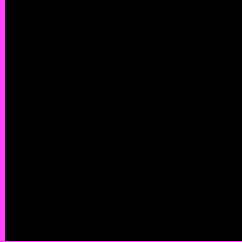
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4909, 32.4810, 96.0097

Background



This preview shows how black text looks on a background with the XYZ color 60.4909, 32.4810, 96.0097.



This preview shows how white text looks on a background with the XYZ color 60.4909, 32.4810,

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

60.4909, 32.4810, 96.0097

Protanopia

35.5470, 32.6682, 99.0398

Deuteranopia

33.5905, 32.6537, 86.9705



Tritanopia

45.1434, 32.1232, 22.8899

Trichromacy



Original Color

60.4909, 32.4810, 96.0097



Protanomaly

39.7492, 28.7562, 97.2214



Deuteranomaly

38.3870, 28.5849, 89.8804

Tritanomaly

48.8700, 31.1093, 41.9570

Monochromacy



Original Color

60.4909, 32.4810, 96.0097



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

35.3614, 27.0107, 49.2488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4909, 32.4810, 96.0097 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(253, 71, 253)` looks like.

```
.text, #text, p{  
    color:rgb(253, 71, 253)  
}
```

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(253, 71, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 71, 253) }
```

Border

The CSS property to change the border of an element to XYZ 60.4909, 32.4810, 96.0097 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(253, 71, 253) }
```


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

```
.border{ border-color:rgb(253, 71, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 71, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 71, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 71, 253);  
box-shadow:4px 4px 4px 4px rgb(253, 71,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4909, 32.4810, 96.0097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 71, 253) }
```

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

```
.background{ background-color: rgb(253, 71,  
253) }
```

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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