

Converting Colors

XYZ(60.2462, 32.5967, 92.2012)

Have a look what the booklet for
XYZ(60.2462, 32.5967, 92.2012)
contains.

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Color

**XYZ(60.1989, 32.6132,
91.9291)**

Conversions

Conversions Part 1

Format	Color
Hex	FE49F8
RGB	254, 73, 248
RGB Percent	100%, 29%, 97%
CMY	0.0039, 0.7137, 0.0274
CMYK	0.00, 0.71, 0.02, 0.00
HSL	302°, 99%, 64%
HSV	302°, 71%, 100%
XYZ	60.1989, 32.6132, 91.9291
YIQ	147.0690, 51.7010, 92.7970

Conversions

Conversions Part 2

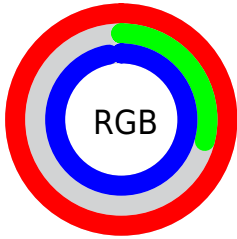
Format	Color
R _{YB}	254, 73, 248
Decimal	16665080
CIE _{Lab}	63.85, 85.23, -51.36
CIE _{LCh}	64, 99.506, 328.924
Yxy	32.6132, 0.3259, 0.1765
Android (android.graphics.Color)	4294855160 (0xFFFE49F8)
YUV	147.0690, 49.7590, 93.7785
Hunter-Lab	57.1080, 88.2223, -55.4660

Details

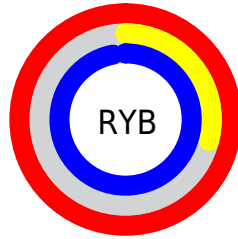
The XYZ color **60.1989, 32.6132, 91.9291** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **39.6023, 72.8661, 19.3763**, and the grayscale version is **27.5495, 28.9842, 31.5638**.

A 20% lighter version of the original color is **68.2357, 46.3713, 99.9619**, and **31.3963, 15.0990, 50.5499** is the 20% darker color. If you saturate the color by 10%, you get **58.7276, 29.8784, 90.7957**, and if you desaturate by 10%, it is **62.3541, 36.7130, 93.2939**.

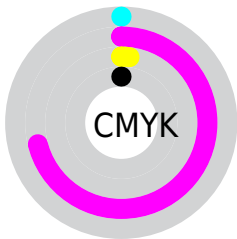
Distribution



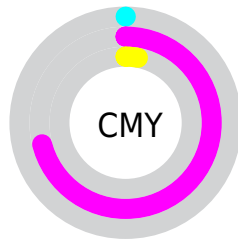
- Red (100%)
- Green (29%)
- Blue (97%)



- Red (100%)
- Yellow (29%)
- Blue (97%)



- Cyan (0%)
- Magenta (71%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1989, 32.6132, 91.9291 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 60.1989, 32.6132, 91.9291 by changing the saturation by 10% instead.


 60.1989, 32.6132,
91.9291


 60.1989, 32.6132,
91.9291

415.1535,
313.9032, 555.0176


 43.8290, 21.8303,
68.9990


 104.2228, 63.7712,
151.9740

 30.7335, 13.7323,
50.2392

 132.6077, 84.9150,
189.9259

 20.5468, 7.9347,
35.2310


 165.7282,
110.2813, 233.7221

 12.9037, 4.0532,
23.5559

 203.9497,
140.2544, 283.7812

 7.4388, 1.7034,
14.7953

247.6377,
175.2188, 340.5218

 3.7868, 0.4258,
8.5309

297.1574,

 1.5822, 0.0000,

215.5588, 404.3624

4.3439

352.8742,
261.6588, 475.7214

■ 0.3808, 0.0000,
1.8158

■ 0.0000, 0.0000,
0.4384

■ 60.1989, 32.6132,
91.9291

■ 60.1989, 32.6132,
91.9291

■ 58.7276, 29.8784,
90.7957

■ 62.3541, 36.7130,
93.2939

■ 57.8477, 28.3262,
89.8620

■ 65.2633, 42.3210,
94.9127

■ 57.4438, 27.6992,
89.1699

■ 68.9923, 49.5675,
96.8076

■ 73.5986, 58.5676,
98.9979

79.1344, 69.4258,
101.5009

85.6479, 82.2386,
104.3328

93.1842, 97.0958,
107.5085

94.6415, 99.7943,
108.6609

94.6837, 99.8111,
108.8829

Harmonies

Analogous

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



45.9047, 32.6132, 154.5355



60.1989, 32.6132, 91.9291



66.3992, 32.6132, 36.9757

Triad

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



60.1989, 32.6132, 91.9291



31.5054, 32.6132, 0.7405



12.9179, 32.6132, 87.2883

Complementary

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



60.1989, 32.6132, 91.9291



39.6023, 72.8661, 19.3763

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.



11.1380, 32.6132, 34.0840



60.1989, 32.6132, 91.9291



19.7277, 32.6132, 1.7604

Square

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



60.1989, 32.6132, 91.9291



47.0501, 32.6132, 1.9628



13.2016, 32.6132, 8.7491



19.0879, 32.6132, 150.7138

Rectangle

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



60.1989, 32.6132, 91.9291



64.0212, 32.6132, 15.9341



13.2016, 32.6132, 8.7491



11.8863, 32.6132, 66.7945

Sweetspot

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



60.2001, 32.6147, 91.9298



79.9971, 70.3496, 102.4786



23.2553, 13.4596, 95.1396



16.7704, 14.3658, 21.7779



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.



60.2001, 32.6147, 91.9298



58.7630, 29.2642, 91.1378



49.6448, 28.3926, 36.3460



18.7651, 18.2894, 22.6463



30.2961, 14.6077, 47.0713



2.9577, 1.4254, 4.6245

Inverse Universe

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



60.2001, 32.6147, 91.9298



58.7630, 29.2642, 91.1378



45.1216, 75.0739, 48.4404



18.7651, 18.2894, 22.6463



30.2961, 14.6077, 47.0713



2.9577, 1.4254, 4.6245

Previews

White Background



This preview shows how the XYZ color 60.1989, 32.6132, 91.9291 looks on a white background.

Color Contrast Check

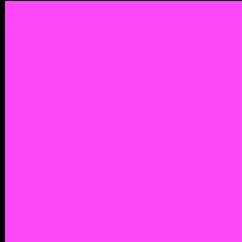
Large Text (above 18pt) WCAG AA × Fail

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 60.1989, 32.6132, 91.9291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

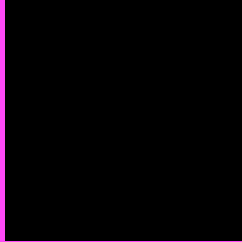
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1989, 32.6132, 91.9291

Background



This preview shows how black text looks on a background with the XYZ color 60.1989, 32.6132, 91.9291.



This preview shows how white text looks on a background with the XYZ color 60.1989, 32.6132,

91.9291.

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

60.1989, 32.6132, 91.9291

Protanopia

35.8338, 33.0560, 99.0995

Deuteranopia

33.7662, 32.8122, 83.9106



Tritanopia

45.6411, 32.2168, 22.5518

Trichromacy



Original Color

60.1989, 32.6132, 91.9291



Protanomaly

39.7579, 28.9807, 95.5938



Deuteranomaly

38.7877, 29.0655, 86.0039



Tritanomaly

49.2812, 31.3540, 40.5003

Monochromacy



Original Color

60.1989, 32.6132, 91.9291



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

35.6179, 27.3327, 48.7459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1989, 32.6132, 91.9291 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(254, 73, 248)` looks like.

```
.text, #text, p{  
    color:rgb(254, 73, 248)  
}
```

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(254, 73, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 73, 248) }
```

Border

The CSS property to change the border of an element to XYZ 60.1989, 32.6132, 91.9291 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(254, 73, 248) }
```


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

```
.border{ border-color:rgb(254, 73, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 73, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 73, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 73, 248);  
box-shadow:4px 4px 4px 4px rgb(254, 73,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1989, 32.6132, 91.9291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 73, 248) }
```

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

```
.background{ background-color: rgb(254, 73,  
248) }
```

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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