

Converting Colors

XYZ(60.0847, 31.7101, 92.1867)

Have a look what the booklet for
XYZ(60.0847, 31.7101, 92.1867)
contains.

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Color

**XYZ(60.1723, 31.7663,
92.5826)**

Conversions

Conversions Part 1

Format	Color
Hex	FF40F9
RGB	255, 64, 249
RGB Percent	100%, 25%, 98%
CMY	0.0000, 0.7490, 0.0235
CMYK	0.00, 0.75, 0.02, 0.00
HSL	302°, 100%, 63%
HSV	302°, 75%, 100%
XYZ	60.1723, 31.7663, 92.5826
YIQ	142.1990, 54.4510, 98.0270

Conversions

Conversions Part 2

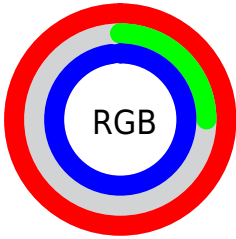
Format	Color
R _Y B	255, 64, 249
Decimal	16728313
CIE Lab	63.15, 88.17, -53.01
CIE LCh	63, 102.877, 328.983
Yxy	31.7663, 0.3261, 0.1722
Android (android.graphics.Color)	4294918393 (0xFFFF40F9)
YUV	142.1990, 52.6529, 98.9265
Hunter-Lab	56.3616, 91.9359, -57.9398

Details

The XYZ color **60.1723, 31.7663, 92.5826** 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 **38.9808, 73.0526, 17.8419**, and the grayscale version is **25.5749, 26.9068, 29.3015**.

A 20% lighter version of the original color is **67.4063, 44.7126, 99.6854**, and **31.7626, 15.2751, 51.1435** is the 20% darker color. If you saturate the color by 10%, you get **58.9238, 29.4687, 91.5517**, and if you desaturate by 10%, it is **62.0791, 35.3796, 93.8364**.

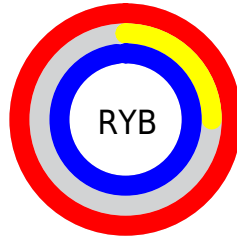
Distribution



Red (100%)

Green (25%)

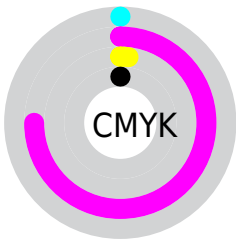
Blue (98%)



Red (100%)

Yellow (25%)

Blue (98%)

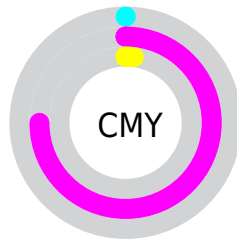


Cyan (0%)

Magenta (75%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1723, 31.7663, 92.5826 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 60.1723, 31.7663, 92.5826 by changing the saturation by 10% instead.


 60.1723, 31.7663,
92.5826

 60.1723, 31.7663,
92.5826


415.0571,
310.0533, 557.1820


 43.8075, 21.1831,
69.5389


 104.1845, 62.4445,
152.8873

 30.7165, 13.2579,
50.6762


 132.5626, 83.3083,
190.9854

 20.5338, 7.6064,
35.5761


 165.6759,
108.3678, 234.9387

 12.8942, 3.8441,
23.8199

 203.8897,
138.0072, 285.1657

 7.4322, 1.5868,
14.9891

247.5694,
172.6111, 342.0850

 3.7826, 0.3486,
8.6652

297.0803,

 1.5799, 0.0000,

212.5638, 406.1151

4.4296

352.7877,
258.2498, 477.6746

■ 0.3792, 0.0000,
1.8639

■ 0.0000, 0.0000,
0.4696

■ 60.1723, 31.7663,
92.5826

■ 60.1723, 31.7663,
92.5826

■ 58.9238, 29.4687,
91.5517

■ 62.0791, 35.3796,
93.8364

■ 58.2341, 28.2881,
90.7093

■ 64.7218, 40.4637,
95.3377

■ 58.0269, 27.9748,
90.3287

■ 68.1690, 47.1560,
97.1098

■ 72.4811, 55.5772,
99.1728

■ 77.7127, 65.8365,
101.5450

■ 83.9138, 78.0340,
104.2430

■ 91.1309, 92.2628,
107.2823

■ 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.



45.4562, 31.7663, 158.0622



60.1723, 31.7663, 92.5826



66.5642, 31.7663, 35.9947

Triad

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



60.1723, 31.7663, 92.5826



30.6801, 31.7663, 0.4207



12.0481, 31.7663, 88.0251

Complementary

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



60.1723, 31.7663, 92.5826



38.9808, 73.0526, 17.8419

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.



10.2896, 31.7663, 33.2187



60.1723, 31.7663, 92.5826



18.7974, 31.7663, 1.3659

Square

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



60.1723, 31.7663, 92.5826



46.5678, 31.7663, 1.5333



12.3127, 31.7663, 7.9103



18.1920, 31.7663, 154.2709

Rectangle

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



60.1723, 31.7663, 92.5826



64.0865, 31.7663, 14.8720



12.3127, 31.7663, 7.9103



11.0293, 31.7663, 66.7847

Sweetspot

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



60.1729, 31.7675, 92.5832



79.4080, 69.1679, 102.2927



22.2119, 12.0880, 95.7703



16.6565, 14.1365, 21.7449



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.



60.1729, 31.7675, 92.5832



58.5092, 28.7412, 91.1007



49.1020, 27.3391, 34.2845



18.7666, 18.2899, 22.6539



30.3314, 14.6218, 47.2568



2.9607, 1.4267, 4.6405

Inverse Universe

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



60.1729, 31.7675, 92.5832



58.5092, 28.7412, 91.1007



44.4579, 75.2435, 46.6842



18.7666, 18.2899, 22.6539



30.3314, 14.6218, 47.2568



2.9607, 1.4267, 4.6405

Previews

White Background



This preview shows how the XYZ color 60.1723, 31.7663, 92.5826 looks on a white background.

Color Contrast Check

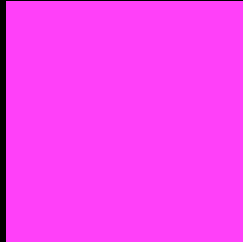
Large Text (above 18pt) WCAG AA × Fail

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 60.1723, 31.7663, 92.5826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

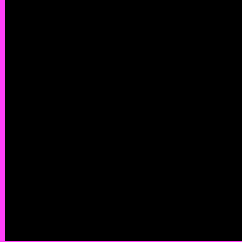
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1723, 31.7663, 92.5826

Background



This preview shows how black text looks on a background with the XYZ color 60.1723, 31.7663, 92.5826.



This preview shows how white text looks on a background with the XYZ color 60.1723, 31.7663,

92.5826.

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

60.1723, 31.7663, 92.5826

Protanopia

35.0198, 32.1585, 98.9692

Deuteranopia

32.9620, 32.1536, 83.8259



Tritanopia

45.2898, 31.4016, 21.1268

Trichromacy



Original Color

60.1723, 31.7663, 92.5826



Protanomaly

39.0244, 27.8626, 96.2497



Deuteranomaly

37.8188, 27.8121, 86.5941



Tritanomaly

48.8917, 30.3514, 39.3579

Monochromacy



Original Color

60.1723, 31.7663, 92.5826



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

33.8862, 25.4381, 46.8401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1723, 31.7663, 92.5826 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, 64, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 249)  
}
```

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, 64, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 249) }
```

Border

The CSS property to change the border of an element to XYZ 60.1723, 31.7663, 92.5826 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, 64, 249) }
```


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

```
.border{ border-color:rgb(255, 64, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 64, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1723, 31.7663, 92.5826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 249) }
```

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

```
.background{ background-color: rgb(255, 64,  
249) }
```

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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