

Converting Colors

XYZ(51.7646, 31.7359, 35.2334)

Have a look what the booklet for
XYZ(51.7646, 31.7359, 35.2334)
contains.

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Color

**XYZ(51.2402, 31.5230,
35.2822)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5D9D
RGB	255, 93, 157
RGB Percent	100%, 36%, 62%
CMY	0.0000, 0.6353, 0.3843
CMYK	0.00, 0.64, 0.38, 0.00
HSL	336°, 100%, 68%
HSV	336°, 64%, 100%
XYZ	51.2402, 31.5230, 35.2822
YIQ	148.7340, 76.0080, 54.2480

Conversions

Conversions Part 2

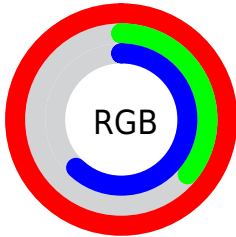
Format	Color
R _{YB}	255, 93, 157
Decimal	16735645
CIE Lab	62.95, 66.65, -1.26
CIE LCh	63, 66.662, 358.920
Yxy	31.5230, 0.4341, 0.2670
Android (android.graphics.Color)	4294925725 (0xFFFF5D9D)
YUV	148.7340, 4.0751, 93.1953
Hunter-Lab	56.1453, 64.6510, 2.0434

Details

The XYZ color **51.2402, 31.5230, 35.2822** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **49.6800, 77.6096, 61.6569**, and the grayscale version is **28.4178, 29.8978, 32.5587**.

A 20% lighter version of the original color is **64.0645, 48.0964, 67.5350**, and **25.1763, 13.1632, 14.8495** is the 20% darker color. If you saturate the color by 10%, you get **48.1281, 27.2753, 28.1518**, and if you desaturate by 10%, it is **55.2661, 37.3321, 43.5382**.

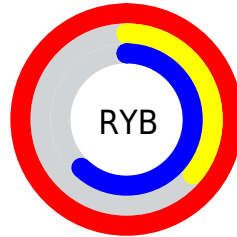
Distribution



Red (100%)

Green (36%)

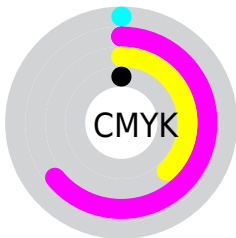
Blue (62%)



Red (100%)

Yellow (36%)

Blue (62%)

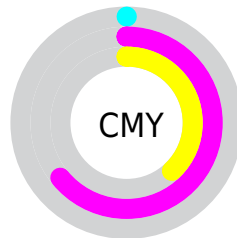


Cyan (0%)

Magenta (64%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2402, 31.5230, 35.2822 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 51.2402, 31.5230, 35.2822 by changing the saturation by 10% instead.


 51.2402, 31.5230,
35.2822


 51.2402, 31.5230,
35.2822


381.8686,
308.9406, 340.7542


 36.6216, 20.9974,
23.5950


 91.1906, 62.0626,
69.0792


 25.0870, 13.1221,
14.8241


 117.2532, 82.8453,
92.0262

 16.2710, 7.5127,
8.5508


 147.8611,
107.8159, 119.5635

 9.8082, 3.7847,
4.3566

 183.3797,
137.3588, 152.1097

 5.3332, 1.5539,
1.8229

224.1744,
171.8583, 190.0833

 2.4808, 0.3262,
0.4430

270.6106,

 0.8856, 0.0000,

211.6988, 233.9029

0.0000

323.0535,
257.2648, 283.9871

■ 0.0000, 0.0000,
0.0000

■ 51.2402, 31.5230,
35.2822

■ 51.2402, 31.5230,
35.2822

■ 48.1281, 27.2753,
28.1518

■ 55.2661, 37.3321,
43.5382

■ 45.8437, 24.4267,
22.0871

■ 60.2760, 44.8338,
52.9714

■ 44.2868, 22.7874,
17.0226

■ 66.3359, 54.1510,
63.6314

■ 43.5759, 22.1944,
14.2307

■ 73.5049, 65.3934,
75.5641

■ 81.8376, 78.6623,
88.8130

91.3851, 94.0517,
103.4191

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.



47.7140, 31.5230, 67.4924



51.2402, 31.5230, 35.2822



48.1679, 31.5230, 15.2559

Triad

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



51.2402, 31.5230, 35.2822



22.2276, 31.5230, 6.4010



21.7600, 31.5230, 98.1616

Complementary

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



51.2402, 31.5230, 35.2822



49.6800, 77.6096, 61.6569

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.



17.0409, 31.5230, 64.9420



51.2402, 31.5230, 35.2822



17.2697, 31.5230, 14.3173

Square

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



51.2402, 31.5230, 35.2822



30.2947, 31.5230, 4.5621



15.5796, 31.5230, 33.3817



29.6311, 31.5230, 113.4614

Rectangle

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



51.2402, 31.5230, 35.2822



43.0856, 31.5230, 8.6164



15.5796, 31.5230, 33.3817



19.8166, 31.5230, 88.0965

Sweetspot

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



51.2410, 31.5247, 35.2827



77.1288, 71.1418, 81.3948



43.2513, 26.0237, 97.3512



16.0125, 14.4392, 16.6263



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.



51.2410, 31.5247, 35.2827



47.4893, 26.4468, 26.5544



48.7071, 33.0322, 14.1668



18.3065, 18.1059, 20.2314



22.8377, 11.6244, 7.7957



2.2756, 1.1526, 1.0326

Inverse Universe

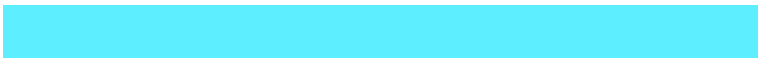
The Inverse Universe completely reimagines the original color for something new.



51.2410, 31.5247, 35.2827



47.4893, 26.4468, 26.5544



53.3734, 71.1641, 105.5307



18.3065, 18.1059, 20.2314



22.8377, 11.6244, 7.7957



2.2756, 1.1526, 1.0326

Previews

White Background



This preview shows how the XYZ color 51.2402, 31.5230, 35.2822 looks on a white background.

Color Contrast Check

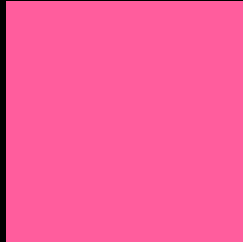
Large Text (above 18pt) WCAG AA × Fail

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 51.2402, 31.5230, 35.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

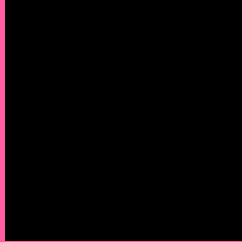
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2402, 31.5230, 35.2822

Background



This preview shows how black text looks on a background with the XYZ color 51.2402, 31.5230, 35.2822.



This preview shows how white text looks on a background with the XYZ color 51.2402, 31.5230,

35.2822.

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

51.2402, 31.5230, 35.2822

Protanopia

31.8476, 31.7343, 54.8989

Deuteranopia

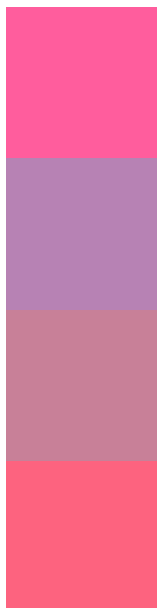
32.3769, 31.7848, 32.8624



Tritanopia

47.8096, 31.5217, 18.3163

Trichromacy



Original Color

51.2402, 31.5230, 35.2822

Protanomaly

35.7493, 29.3278, 46.9567

Deuteranomaly

37.2061, 29.9847, 33.5324

Tritanomaly

48.8006, 31.3386, 23.5556

Monochromacy



Original Color

51.2402, 31.5230, 35.2822

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

34.2568, 28.6589, 33.4320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2402, 31.5230, 35.2822 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, 93, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 157)  
}
```

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, 93, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 157) }
```

Border

The CSS property to change the border of an element to XYZ 51.2402, 31.5230, 35.2822 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, 93, 157) }
```


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

```
.border{ border-color:rgb(255, 93, 157) }
```

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

Here you see how a box with a 4 pixel rgb(255, 93, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2402, 31.5230, 35.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 157) }
```

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

```
.background{ background-color: rgb(255, 93,  
157) }
```

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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