

Converting Colors

XYZ(50.4861, 30.9442, 32.1661)

Have a look what the booklet for
XYZ(50.4861, 30.9442, 32.1661)
contains.

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Color

**XYZ(50.4861, 30.9442,
32.1661)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5B96
RGB	255, 91, 150
RGB Percent	100%, 36%, 59%
CMY	0.0000, 0.6431, 0.4118
CMYK	0.00, 0.64, 0.41, 0.00
HSL	338°, 100%, 68%
HSV	338°, 64%, 100%
XYZ	50.4861, 30.9442, 32.1661
YIQ	146.7620, 78.8050, 53.1170

Conversions

Conversions Part 2

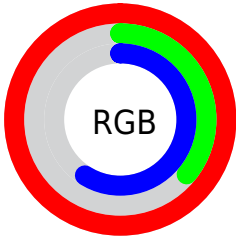
Format	Color
R _Y B	255, 91, 150
Decimal	16735126
CIE Lab	62.46, 66.74, 2.08
CIE LCh	62, 66.772, 1.781
Yxy	30.9442, 0.4444, 0.2724
Android (android.graphics.Color)	4294925206 (0xFFFF5B96)
YUV	146.7620, 1.5963, 94.9247
Hunter-Lab	55.6275, 64.6539, 4.6554

Details

The XYZ color **50.4861, 30.9442, 32.1661** 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 **50.0402, 77.7305, 64.5961**, and the grayscale version is **27.6073, 29.0450, 31.6300**.

A 20% lighter version of the original color is **62.8865, 47.1145, 62.9063**, and **24.4946, 12.7386, 12.9722** is the 20% darker color. If you saturate the color by 10%, you get **47.4400, 26.8115, 25.1098**, and if you desaturate by 10%, it is **54.4573, 36.6339, 40.4351**.

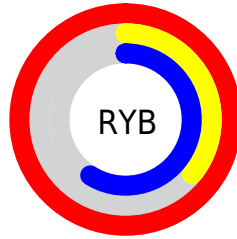
Distribution



Red (100%)

Green (36%)

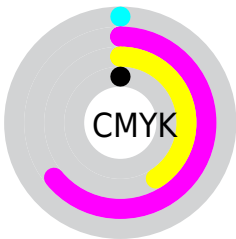
Blue (59%)



Red (100%)

Yellow (36%)

Blue (59%)

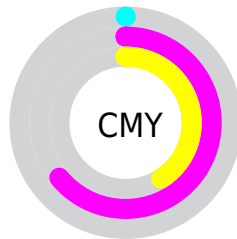


Cyan (0%)

Magenta (64%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4861, 30.9442, 32.1661 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 50.4861, 30.9442, 32.1661 by changing the saturation by 10% instead.


 50.4861, 30.9442,
32.1661


 50.4861, 30.9442,
32.1661


378.9845,
306.2812, 326.3912


 36.0192, 20.5564,
21.2225

 90.0822, 61.1522,
64.1723


 24.6192, 12.8001,
13.0939


 115.9421, 81.7412,
86.0721

 15.9208, 7.2910,
7.3618


 146.3303,
106.4993, 112.4609

 9.5586, 3.6448,
3.6075

 181.6123,
135.8110, 143.7575

 5.1673, 1.4769,
1.4126

222.1534,
170.0606, 180.3802

 2.3815, 0.2724,
0.1515

268.3188,

 0.8359, 0.0000,

209.6326, 222.7477

0.0000

320.4741,
254.9113, 271.2786

■ 0.0000, 0.0000,
0.0000

■ 50.4861, 30.9442,
32.1661

■ 50.4861, 30.9442,
32.1661

■ 47.4400, 26.8115,
25.1098

■ 54.4573, 36.6339,
40.4351

■ 45.2304, 24.0707,
19.1988

■ 59.4258, 44.0135,
49.9750

■ 43.7538, 22.5279,
14.3591

■ 65.4590, 53.2073,
60.8418

■ 43.1599, 22.0279,
12.0402

■ 72.6176, 64.3265,
73.0872

■ 80.9576, 77.4732,
86.7601

90.5311, 92.7423,
101.9065

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



47.5871, 30.9442, 63.2183



50.4861, 30.9442, 32.1661



46.8449, 30.9442, 13.6553

Triad

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



50.4861, 30.9442, 32.1661



21.1575, 30.9442, 6.5880



21.9193, 30.9442, 99.5471

Complementary

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



50.4861, 30.9442, 32.1661



50.0402, 77.7305, 64.5961

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.



16.9491, 30.9442, 67.3925



50.4861, 30.9442, 32.1661



16.5769, 30.9442, 15.1796

Square

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



50.4861, 30.9442, 32.1661



28.8734, 30.9442, 4.3818



15.2093, 30.9442, 35.2674



29.9563, 30.9442, 112.2090

Rectangle

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



50.4861, 30.9442, 32.1661



41.5593, 30.9442, 7.7310



15.2093, 30.9442, 35.2674



19.8967, 30.9442, 90.0558

Sweetspot

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



50.4869, 30.9459, 32.1666



76.8956, 71.0486, 80.1666



44.2641, 26.2887, 97.3488



15.9566, 14.4169, 16.3319



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.



50.4869, 30.9459, 32.1666



46.7672, 25.9445, 23.4099



49.0199, 33.7979, 13.8398



18.2793, 18.0950, 20.0882



22.6167, 11.5360, 6.6318



2.2521, 1.1432, 0.9090

Inverse Universe

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



50.4869, 30.9459, 32.1666



46.7672, 25.9445, 23.4099



51.5423, 67.7986, 104.9774



18.2793, 18.0950, 20.0882



22.6167, 11.5360, 6.6318



2.2521, 1.1432, 0.9090

Previews

White Background



This preview shows how the XYZ color 50.4861, 30.9442, 32.1661 looks on a white background.

Color Contrast Check

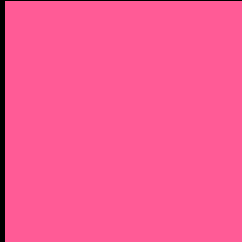
Large Text (above 18pt) WCAG AA × Fail

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 50.4861, 30.9442, 32.1661 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 50.4861, 30.9442, 32.1661

Background



This preview shows how black text looks on a background with the XYZ color 50.4861, 30.9442, 32.1661.



This preview shows how white text looks on a background with the XYZ color 50.4861, 30.9442,

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

50.4861, 30.9442, 32.1661

Protanopia

31.0970, 31.1975, 50.8371

Deuteranopia

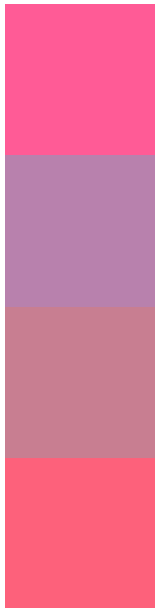
31.5236, 30.9458, 29.9028



Tritanopia

47.3559, 30.8713, 17.3727

Trichromacy



Original Color

50.4861, 30.9442, 32.1661

Protanomaly

35.1602, 28.9080, 43.2618

Deuteranomaly

36.3911, 29.2454, 30.5150

Tritanomaly

48.3579, 30.8621, 22.1471

Monochromacy



Original Color

50.4861, 30.9442, 32.1661

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

33.1844, 27.7560, 31.6254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4861, 30.9442, 32.1661 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, 91, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 150)  
}
```

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, 91, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 150) }
```

Border

The CSS property to change the border of an element to XYZ 50.4861, 30.9442, 32.1661 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, 91, 150) }
```


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

```
.border{ border-color:rgb(255, 91, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 91, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 91, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 91, 150); box-shadow:4px 4px 4px 4px rgb(255, 91, 150) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4861, 30.9442, 32.1661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 91, 150) }
```

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

```
.background{ background-color: rgb(255, 91,  
150) }
```

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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