

Converting Colors

XYZ(49.6588, 30.4190, 32.5776)

Have a look what the booklet for
XYZ(49.6588, 30.4190, 32.5776)
contains.

XYZ(49.7501, 30.4293, 32.5295)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.7501, 30.4293,
32.5295)**

Conversions

Conversions Part 1

Format	Color
Hex	FD5A97
RGB	253, 90, 151
RGB Percent	99%, 35%, 59%
CMY	0.0078, 0.6470, 0.4078
CMYK	0.00, 0.64, 0.40, 0.01
HSL	338°, 98%, 67%
HSV	338°, 64%, 99%
XYZ	49.7501, 30.4293, 32.5295
YIQ	145.6910, 77.5670, 53.5270

Conversions

Conversions Part 2

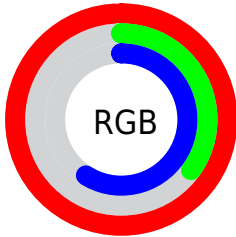
Format	Color
R _Y B	253, 90, 151
Decimal	16603799
CIE Lab	62.02, 66.65, 0.82
CIE LCh	62, 66.653, 0.706
Yxy	30.4293, 0.4414, 0.2700
Android (android.graphics.Color)	4294793879 (0xFFFD5A97)
YUV	145.6910, 2.6173, 94.1100
Hunter-Lab	55.1628, 64.4505, 3.6506

Details

The XYZ color **49.7501, 30.4293, 32.5295** 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 **48.8580, 76.2308, 62.0132**, and the grayscale version is **27.1640, 28.5786, 31.1221**.

A 20% lighter version of the original color is **62.8493, 46.8476, 63.4876**, and **24.2548, 12.5592, 13.2024** is the 20% darker color. If you saturate the color by 10%, you get **46.7667, 26.3840, 25.6114**, and if you desaturate by 10%, it is **53.6337, 35.9987, 40.6001**.

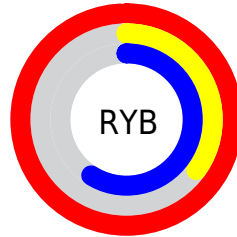
Distribution



Red (99%)

Green (35%)

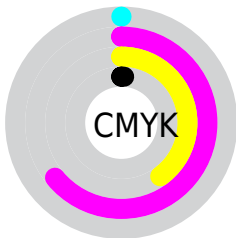
Blue (59%)



Red (99%)

Yellow (35%)

Blue (59%)

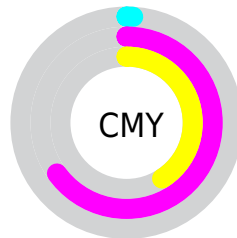


Cyan (0%)

Magenta (64%)

Yellow (40%)

Black (1%)



Cyan (1%)


Magenta (65%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.7501, 30.4293, 32.5295 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 49.7501, 30.4293, 32.5295 by changing the saturation by 10% instead.


 49.7501, 30.4293,
32.5295


 49.7501, 30.4293,
32.5295


376.1560,
303.9004, 328.0910


 35.4319, 20.1647,
21.4981


 88.9985, 60.3404,
64.7478

 24.1638, 12.5148,
13.2938


 114.6595, 80.7557,
86.7717

 15.5806, 7.0953,
7.4981


 144.8320,
105.3233, 113.2970

 9.3168, 3.5218,
3.6924

 179.8814,
134.4277, 144.7420

 5.0072, 1.4098,
1.4581

220.1732,
168.4532, 181.5254

 2.2863, 0.2239,
0.1864

266.0727,

 0.7876, 0.0000,

207.7842, 224.0657

0.0000

317.9452,
252.8052, 272.7814

■ 0.0000, 0.0000,
0.0000

■ 49.7501, 30.4293,
32.5295

■ 49.7501, 30.4293,
32.5295

■ 46.7667, 26.3840,
25.6114

■ 53.6337, 35.9987,
40.6001

■ 44.5970, 23.7007,
19.7827

■ 58.4879, 43.2224,
49.8778

■ 43.1400, 22.1891,
14.9738

■ 64.3784, 52.2224,
60.4150

■ 42.5587, 21.7029,
12.6947

■ 71.3645, 63.1076,
72.2602

■ 79.5006, 75.9782,
85.4590

88.8375, 90.9271,
100.0547

94.3180, 99.6226,
108.8657

Harmonies

Analogous

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



46.6611, 30.4293, 63.5442



49.7501, 30.4293, 32.5295



46.3704, 30.4293, 13.8103

Triad

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



49.7501, 30.4293, 32.5295



20.9998, 30.4293, 6.2654



21.2976, 30.4293, 97.3170

Complementary

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



49.7501, 30.4293, 32.5295



48.8580, 76.2308, 62.0132

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.



16.5130, 30.4293, 65.1797



49.7501, 30.4293, 32.5295



16.3677, 30.4293, 14.4048

Square

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



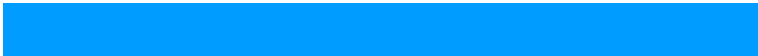
49.7501, 30.4293, 32.5295



28.7109, 30.4293, 4.2558



14.9096, 30.4293, 33.7426



29.1344, 30.4293, 110.8058

Rectangle

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



49.7501, 30.4293, 32.5295



41.2369, 30.4293, 7.7651



14.9096, 30.4293, 33.7426



19.3413, 30.4293, 87.7297

Sweetspot

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



49.7509, 30.4309, 32.5300



76.9909, 71.0867, 80.6688



42.7520, 25.4200, 95.5818



15.9794, 14.4260, 16.4522



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.



49.7509, 30.4309, 32.5300



46.9594, 26.0214, 24.4221



47.8252, 32.5636, 13.4397



18.2905, 18.0995, 20.1468



22.7044, 11.5710, 7.0937



2.2615, 1.1470, 0.9585

Inverse Universe

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



49.7509, 30.4309, 32.5300



46.9594, 26.0214, 24.4221



51.3654, 68.1027, 103.3664



18.2905, 18.0995, 20.1468



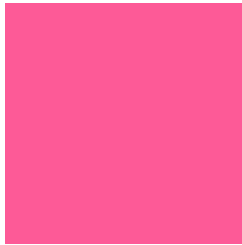
22.7044, 11.5710, 7.0937



2.2615, 1.1470, 0.9585

Previews

White Background



This preview shows how the XYZ color 49.7501, 30.4293, 32.5295 looks on a white background.

Color Contrast Check

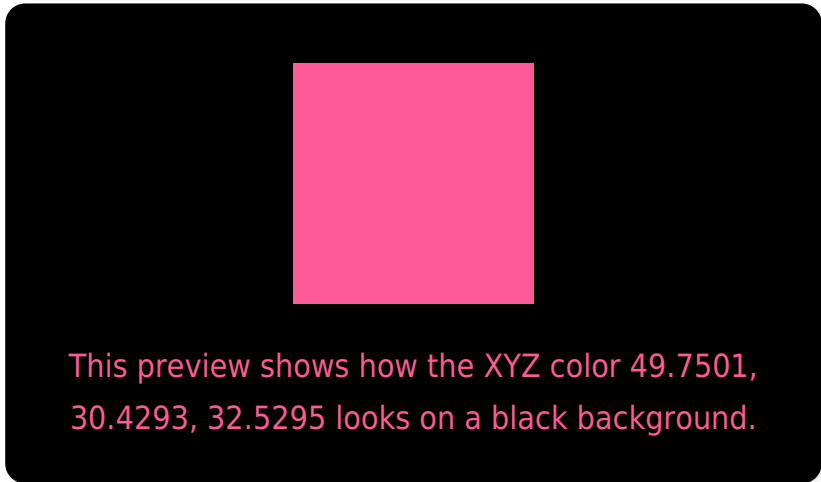
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

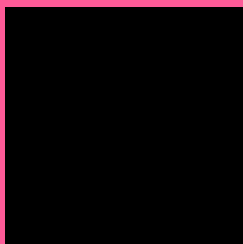
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.7501, 30.4293, 32.5295

Background



This preview shows how black text looks on a background with the XYZ color 49.7501, 30.4293, 32.5295.

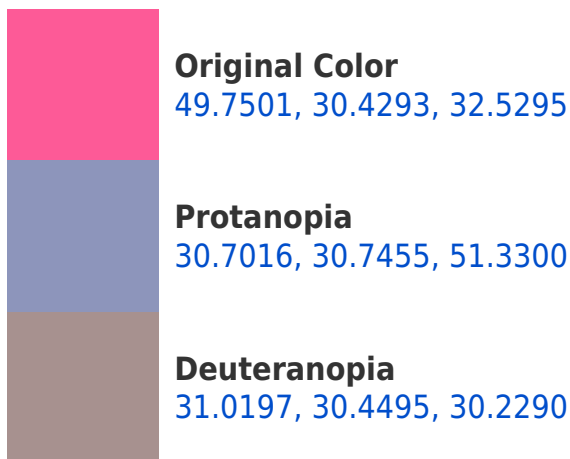


This preview shows how white text looks on a background with the XYZ color 49.7501, 30.4293,

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

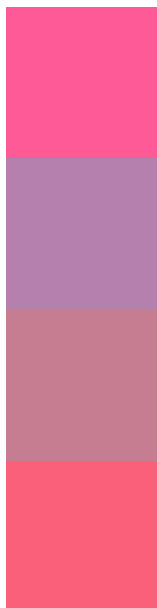




Tritanopia

46.5830, 30.4789, 17.0635

Trichromacy



Original Color

49.7501, 30.4293, 32.5295

Protanomaly

34.6506, 28.4394, 43.7075

Deuteranomaly

35.8106, 28.7483, 30.8557

Tritanomaly

47.4794, 30.2801, 21.7546

Monochromacy



Original Color

49.7501, 30.4293, 32.5295

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

32.8137, 27.3741, 31.5712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7501, 30.4293, 32.5295 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, 90, 151)` looks like.

```
.text, #text, p{  
    color:rgb(253, 90, 151)  
}
```

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, 90, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 90, 151) }
```

Border

The CSS property to change the border of an element to XYZ 49.7501, 30.4293, 32.5295 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, 90, 151) }
```


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

```
.border{ border-color:rgb(253, 90, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 90, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 90, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 90, 151);  
box-shadow:4px 4px 4px 4px rgb(253, 90,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7501, 30.4293, 32.5295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 90, 151) }
```

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

```
.background{ background-color: rgb(253, 90,  
151) }
```

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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