

Converting Colors

XYZ(52.3681, 35.3390, 30.8491)

Have a look what the booklet for
XYZ(52.3681, 35.3390, 30.8491)
contains.

XYZ(52.3681, 35.3390, 30.8491)	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(52.3681, 35.3390,
30.8491)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7291
RGB	255, 114, 145
RGB Percent	100%, 45%, 57%
CMY	0.0000, 0.5529, 0.4314
CMYK	0.00, 0.55, 0.43, 0.00
HSL	347°, 100%, 72%
HSV	347°, 55%, 100%
XYZ	52.3681, 35.3390, 30.8491
YIQ	159.6930, 74.0850, 39.5330

Conversions

Conversions Part 2

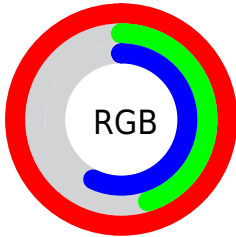
Format	Color
RYB	255, 114, 145
Decimal	16741009
CIELab	66.01, 56.40, 10.04
CIElCh	66, 57.289, 10.095
Yxy	35.3390, 0.4417, 0.2981
Android (android.graphics.Color)	4294931089 (0xFFFF7291)
YUV	159.6930, -7.2436, 83.5842
Hunter-Lab	59.4466, 53.2138, 10.8448

Details

The XYZ color **52.3681, 35.3390, 30.8491** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.1560, 80.4799, 83.1007**, and the grayscale version is **33.2820, 35.0153, 38.1317**.

A 20% lighter version of the original color is **65.9235, 54.1330, 61.0070**, and **25.8267, 15.3217, 12.4226** is the 20% darker color. If you saturate the color by 10%, you get **48.4799, 29.8066, 22.6357**, and if you desaturate by 10%, it is **57.3283, 42.5856, 40.7458**.

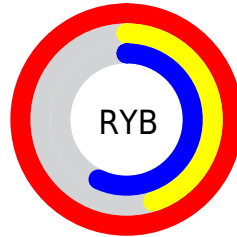
Distribution



Red (100%)

Green (45%)

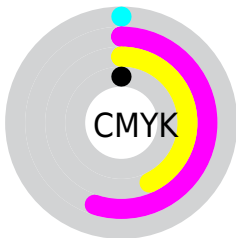
Blue (57%)



Red (100%)

Yellow (45%)

Blue (57%)

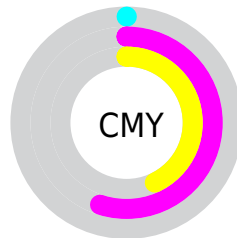


Cyan (0%)

Magenta (55%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3681, 35.3390, 30.8491 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 52.3681, 35.3390, 30.8491 by changing the saturation by 10% instead.


 52.3681, 35.3390,
30.8491


 52.3681, 35.3390,
30.8491

386.1567,
326.0621, 320.1722


 37.5240, 23.9241,
20.2265


 92.8449, 68.0106,
62.0792

 25.7890, 15.2773,
12.3741


 119.2083, 90.0361,
83.5238

 16.7977, 9.0143,
6.8733


 150.1422,
116.3673, 109.4127

 10.1848, 4.7505,
3.3058

186.0120,
147.3886, 140.1646

 5.5848, 2.1016,
1.2528

227.1830,
183.4843, 176.1979

 2.6326, 0.6655,
0.0226

274.0205,


 0.9626, 0.0000,


225.0389, 217.9313


0.0000


326.8900,
272.4367, 265.7832


 0.0000, 0.0000,
0.0000


 52.3681, 35.3390,
30.8491


 52.3681, 35.3390,
30.8491


 48.4799, 29.8066,
22.6357


 57.3283, 42.5856,
40.7458

 45.5785, 25.8402,
16.0071


 63.4313, 51.6672,
52.4124


 43.5697, 23.2759,
10.8568

 70.7451, 62.7001,
65.9320

 42.3378, 21.9096,
7.0629

 79.3312, 75.7893,
81.3813

 41.9549, 21.5460,
5.6957

 89.2471, 91.0324,
98.8330

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



51.4022, 35.3390, 56.6993



52.3681, 35.3390, 30.8491



47.6940, 35.3390, 15.5327

Triad

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



52.3681, 35.3390, 30.8491



24.1306, 35.3390, 12.6437



28.3298, 35.3390, 101.3332

Complementary

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



52.3681, 35.3390, 30.8491



56.1560, 80.4799, 83.1007

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.



22.5809, 35.3390, 77.1438



52.3681, 35.3390, 30.8491



20.4547, 35.3390, 24.6502

Square

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



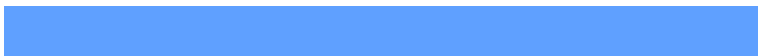
52.3681, 35.3390, 30.8491



30.8069, 35.3390, 8.3576



19.9398, 35.3390, 47.2715



36.5330, 35.3390, 105.3326

Rectangle

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



52.3681, 35.3390, 30.8491



42.4062, 35.3390, 10.5080



19.9398, 35.3390, 47.2715



26.0869, 35.3390, 94.9260

Sweetspot

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



52.3690, 35.3409, 30.8497



77.7711, 73.4022, 78.6008



54.2236, 34.8022, 98.4670



16.2642, 15.1276, 16.1402



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.



52.3690, 35.3409, 30.8497



48.2428, 29.4754, 22.1145



55.4420, 44.8039, 21.6481



18.1728, 18.0524, 19.5272



21.9674, 11.2763, 3.2130



2.1775, 1.1134, 0.5161

Inverse Universe

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



52.3690, 35.3409, 30.8497



48.2428, 29.4754, 22.1145



49.9071, 60.6312, 103.6800



18.1728, 18.0524, 19.5272



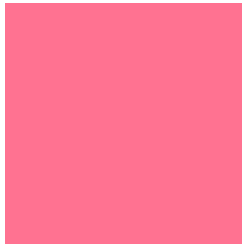
21.9674, 11.2763, 3.2130



2.1775, 1.1134, 0.5161

Previews

White Background



This preview shows how the XYZ color 52.3681, 35.3390, 30.8491 looks on a white background.

Color Contrast Check

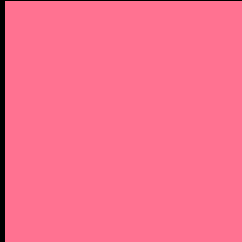
Large Text (above 18pt) WCAG AA × Fail

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 52.3681, 35.3390, 30.8491 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 52.3681, 35.3390, 30.8491

Background



This preview shows how black text looks on a background with the XYZ color 52.3681, 35.3390, 30.8491.



This preview shows how white text looks on a background with the XYZ color 52.3681, 35.3390,

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

52.3681, 35.3390, 30.8491

Protanopia

34.5244, 35.6210, 43.0861

Deuteranopia

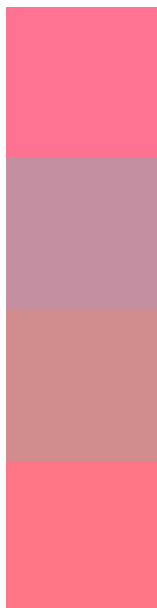
36.1487, 35.4971, 29.3725



Tritanopia

51.1174, 35.5341, 23.9032

Trichromacy



Original Color

52.3681, 35.3390, 30.8491

Protanomaly

38.7612, 33.8202, 38.2032

Deuteranomaly

40.7641, 34.3809, 29.6870

Tritanomaly

51.4680, 35.4869, 26.3273

Monochromacy



Original Color

52.3681, 35.3390, 30.8491

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

38.2445, 33.6136, 35.4827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3681, 35.3390, 30.8491 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, 114, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 145)  
}
```

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, 114, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 145) }
```

Border

The CSS property to change the border of an element to XYZ 52.3681, 35.3390, 30.8491 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, 114, 145) }
```


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

```
.border{ border-color:rgb(255, 114, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 114, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3681, 35.3390, 30.8491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 145) }
```

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

```
.background{ background-color: rgb(255,  
114, 145) }
```

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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