

Converting Colors

XYZ(52.7742, 36.1078, 31.1178)

Have a look what the booklet for
XYZ(52.7742, 36.1078, 31.1178)
contains.

XYZ(52.7121, 36.0269, 30.9637)	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(52.7121, 36.0269,
30.9637)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7591
RGB	255, 117, 145
RGB Percent	100%, 46%, 57%
CMY	0.0000, 0.5411, 0.4314
CMYK	0.00, 0.54, 0.43, 0.00
HSL	348°, 100%, 73%
HSV	348°, 54%, 100%
XYZ	52.7121, 36.0269, 30.9637
YIQ	161.4540, 73.2600, 37.9640

Conversions

Conversions Part 2

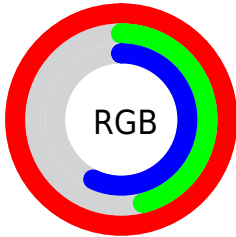
Format	Color
R _Y B	255, 117, 145
Decimal	16741777
CIE Lab	66.54, 55.02, 10.79
CIE LCh	67, 56.067, 11.096
Yxy	36.0269, 0.4404, 0.3010
Android (android.graphics.Color)	4294931857 (0xFFFF7591)
YUV	161.4540, -8.1118, 82.0398
Hunter-Lab	60.0224, 51.7207, 11.4298

Details

The XYZ color **52.7121, 36.0269, 30.9637** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.9632, 80.8488, 85.2813**, and the grayscale version is **34.1015, 35.8774, 39.0705**.

A 20% lighter version of the original color is **66.4924, 55.2707, 61.1966**, and **25.9824, 15.6330, 12.4745** is the 20% darker color. If you saturate the color by 10%, you get **48.7054, 30.3016, 22.5747**, and if you desaturate by 10%, it is **57.8101, 43.4861, 41.1007**.

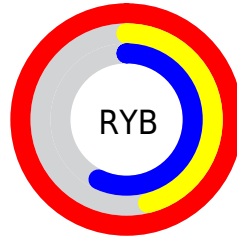
Distribution



Red (100%)

Green (46%)

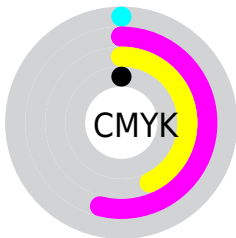
Blue (57%)



Red (100%)

Yellow (46%)

Blue (57%)

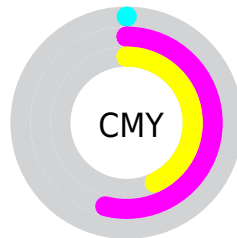


Cyan (0%)

Magenta (54%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7121, 36.0269, 30.9637 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 52.7121, 36.0269, 30.9637 by changing the saturation by 10% instead.

 52.7121, 36.0269,
30.9637


 52.7121, 36.0269,
30.9637


387.4586,
329.0781, 320.7171


 37.7995, 24.4550,
20.3130

 93.3486, 69.0736,
62.2618

 26.0037, 15.6715,
12.4364

 119.8033, 91.3171,
83.7463

 16.9591, 9.2920,
6.9155


 150.8360,
117.8867, 109.6791

 10.3004, 4.9321,
3.3317

186.8122,
149.1666, 140.4788

 5.6624, 2.2075,
1.2664

228.0972,
185.5413, 176.5639

 2.6796, 0.7241,
0.0340

275.0564,

 0.9867, 0.0000,

227.3952, 218.3529

0.0000

328.0550,
275.1127, 266.2645

■ 0.0000, 0.0000,
0.0000

■ 52.7121, 36.0269,
30.9637

■ 52.7121, 36.0269,
30.9637

■ 48.7054, 30.3016,
22.5747

■ 57.8101, 43.4861,
41.1007

■ 45.7049, 26.1639,
15.8304

■ 64.0703, 52.7987,
53.0766

■ 43.6169, 23.4524,
10.6194

■ 71.5608, 64.0803,
66.9782

■ 42.3275, 21.9685,
6.8141

■ 80.3435, 77.4352,
82.8861

■ 41.8536, 21.5054,
5.1619

■ 90.4761, 92.9605,
100.8763

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.



51.9551, 36.0269, 56.2471



52.7121, 36.0269, 30.9637



47.9488, 36.0269, 15.9622

Triad

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



52.7121, 36.0269, 30.9637



24.6654, 36.0269, 13.6342



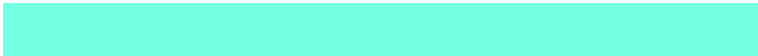
29.2608, 36.0269, 101.4704

Complementary

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



52.7121, 36.0269, 30.9637



56.9632, 80.8488, 85.2813

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.



23.4340, 36.0269, 78.2768



52.7121, 36.0269, 30.9637



21.0967, 36.0269, 26.0419

Square

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



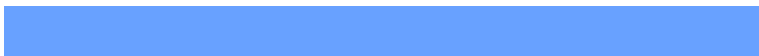
52.7121, 36.0269, 30.9637



31.2204, 36.0269, 9.0530



20.6863, 36.0269, 48.8438



37.4536, 36.0269, 104.5807

Rectangle

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



52.7121, 36.0269, 30.9637



42.6784, 36.0269, 11.0284



20.6863, 36.0269, 48.8438



26.9986, 36.0269, 95.4238

Sweetspot

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



52.7130, 36.0288, 30.9643



78.5860, 74.7540, 79.7296



55.4952, 35.9683, 98.6252



16.4216, 15.3926, 16.3458



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.



52.7130, 36.0288, 30.9643



48.4005, 29.8733, 21.9126



56.3575, 46.3569, 22.8096



18.1600, 18.0473, 19.4599



21.9116, 11.2539, 2.9192



2.1703, 1.1105, 0.4784

Inverse Universe

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



52.7130, 36.0288, 30.9643



48.4005, 29.8733, 21.9126



49.9180, 60.0641, 103.5701



18.1600, 18.0473, 19.4599



21.9116, 11.2539, 2.9192



2.1703, 1.1105, 0.4784

Previews

White Background



This preview shows how the XYZ color 52.7121, 36.0269, 30.9637 looks on a white background.

Color Contrast Check

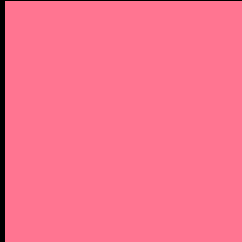
Large Text (above 18pt) WCAG AA × Fail

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 52.7121, 36.0269, 30.9637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

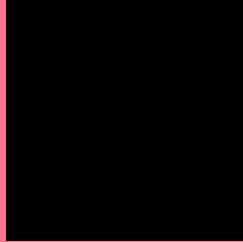
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7121, 36.0269, 30.9637

Background



This preview shows how black text looks on a background with the XYZ color 52.7121, 36.0269, 30.9637.



This preview shows how white text looks on a background with the XYZ color 52.7121, 36.0269,

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

52.7121, 36.0269, 30.9637

Protanopia

35.0106, 36.1408, 42.6667

Deuteranopia

36.7984, 36.0801, 29.4508



Tritanopia

51.4858, 36.0623, 24.6692

Trichromacy



Original Color

52.7121, 36.0269, 30.9637

Protanomaly

39.2355, 34.5246, 37.8537

Deuteranomaly

41.3447, 35.1180, 29.7986

Tritanomaly

51.7730, 35.9857, 26.7715

Monochromacy



Original Color

52.7121, 36.0269, 30.9637

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

38.5475, 34.2195, 35.5837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7121, 36.0269, 30.9637 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, 117, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 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, 117, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 145) }
```

Border

The CSS property to change the border of an element to XYZ 52.7121, 36.0269, 30.9637 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, 117, 145) }
```


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

```
.border{ border-color:rgb(255, 117, 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, 117, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7121, 36.0269, 30.9637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 145) }
```

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

```
.background{ background-color: rgb(255,  
117, 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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