

Converting Colors

XYZ(52.9426, 36.1712, 32.0170)

Have a look what the booklet for
XYZ(52.9426, 36.1712, 32.0170)
contains.

XYZ(52.9466, 36.1207, 32.1984)	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(52.9466, 36.1207,
32.1984)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7594
RGB	255, 117, 148
RGB Percent	100%, 46%, 58%
CMY	0.0000, 0.5411, 0.4196
CMYK	0.00, 0.54, 0.42, 0.00
HSL	347°, 100%, 73%
HSV	347°, 54%, 100%
XYZ	52.9466, 36.1207, 32.1984
YIQ	161.7960, 72.2970, 38.8970

Conversions

Conversions Part 2

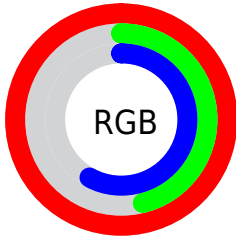
Format	Color
RYB	255, 117, 148
Decimal	16741780
CIELab	66.61, 55.32, 9.19
CIElCh	67, 56.077, 9.431
Yxy	36.1207, 0.4366, 0.2979
Android (android.graphics.Color)	4294931860 (0xFFFF7594)
YUV	161.7960, -6.8014, 81.7399
Hunter-Lab	60.1005, 52.0769, 10.3062

Details

The XYZ color **52.9466, 36.1207, 32.1984** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.5527, 80.6846, 83.1191**, and the grayscale version is **34.2556, 36.0395, 39.2470**.

A 20% lighter version of the original color is **66.8442, 55.4114, 63.0495**, and **26.1215, 15.6887, 13.2067** is the 20% darker color. If you saturate the color by 10%, you get **48.9359, 30.3938, 23.7883**, and if you desaturate by 10%, it is **58.0355, 43.5762, 42.2875**.

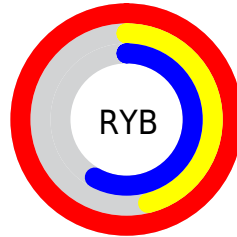
Distribution



Red (100%)

Green (46%)

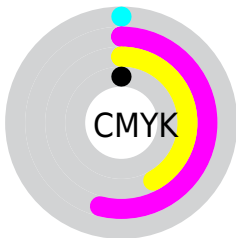
Blue (58%)



Red (100%)

Yellow (46%)

Blue (58%)

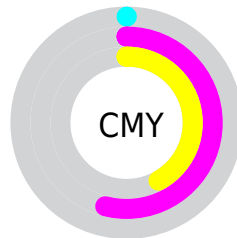


Cyan (0%)

Magenta (54%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9466, 36.1207, 32.1984 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 52.9466, 36.1207, 32.1984 by changing the saturation by 10% instead.


 52.9466, 36.1207,
32.1984


 52.9466, 36.1207,
32.1984


388.3444,
329.4878, 326.5426


 37.9874, 24.5274,
21.2470


 93.6918, 69.2183,
64.2235

 26.1501, 15.7253,
13.1117


 120.2085, 91.4915,
86.1343

 17.0692, 9.3300,
7.3739


 151.3085,
118.0934, 112.5353

 10.3795, 4.9570,
3.6150

187.3571,
149.4084, 143.8451

 5.7155, 2.2221,
1.4166

228.7196,
185.8209, 180.4822

 2.7119, 0.7320,
0.1546

275.7614,

 1.0033, 0.0000,

227.7154, 222.8651

0.0000

328.8479,
275.4763, 271.4124

■ 0.0000, 0.0000,
0.0000

■ 52.9466, 36.1207,
32.1984

■ 52.9466, 36.1207,
32.1984

■ 48.9359, 30.3938,
23.7883

■ 58.0355, 43.5762,
42.2875

■ 45.9197, 26.2498,
16.9612

■ 64.2723, 52.8795,
54.1402

■ 43.8059, 23.5280,
11.6140

■ 71.7240, 64.1455,
67.8373

■ 42.4823, 22.0304,
7.6288

■ 80.4514, 77.4783,
83.4540

■ 41.9853, 21.5581,
5.8549

■ 90.5113, 92.9745,
101.0615

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.



51.8664, 36.1207, 58.0114



52.9466, 36.1207, 32.1984



48.4453, 36.1207, 16.5882

Triad

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



52.9466, 36.1207, 32.1984



25.0258, 36.1207, 13.2547



28.9425, 36.1207, 100.8204

Complementary

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



52.9466, 36.1207, 32.1984



56.5527, 80.6846, 83.1191

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.



23.2657, 36.1207, 76.8256



52.9466, 36.1207, 32.1984



21.2749, 36.1207, 25.1622

Square

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



52.9466, 36.1207, 32.1984



31.7420, 36.1207, 8.9983



20.6881, 36.1207, 47.4422



37.0585, 36.1207, 105.2549

Rectangle

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



52.9466, 36.1207, 32.1984



43.2590, 36.1207, 11.3594



20.6881, 36.1207, 47.4422



26.7256, 36.1207, 94.4151

Sweetspot

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



52.9476, 36.1226, 32.1991



78.7056, 74.8018, 80.3593



54.7826, 35.6010, 98.5920



16.4497, 15.4038, 16.4942



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.



52.9476, 36.1226, 32.1991



48.6300, 29.9651, 23.1213



55.9749, 45.5917, 22.6820



18.1764, 18.0539, 19.5462



21.9840, 11.2829, 3.3003



2.1796, 1.1142, 0.5271

Inverse Universe

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



52.9476, 36.1226, 32.1991



48.6300, 29.9651, 23.1213



50.5110, 61.2501, 103.7679



18.1764, 18.0539, 19.5462



21.9840, 11.2829, 3.3003



2.1796, 1.1142, 0.5271

Previews

White Background



This preview shows how the XYZ color 52.9466, 36.1207, 32.1984 looks on a white background.

Color Contrast Check

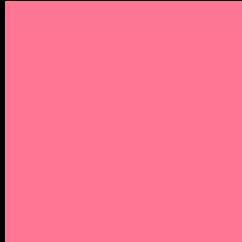
Large Text (above 18pt) WCAG AA × Fail

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 52.9466, 36.1207, 32.1984 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 52.9466, 36.1207, 32.1984

Background



This preview shows how black text looks on a background with the XYZ color 52.9466, 36.1207, 32.1984.



This preview shows how white text looks on a background with the XYZ color 52.9466, 36.1207,

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

52.9466, 36.1207, 32.1984

Protanopia

35.1880, 36.1883, 44.6656

Deuteranopia

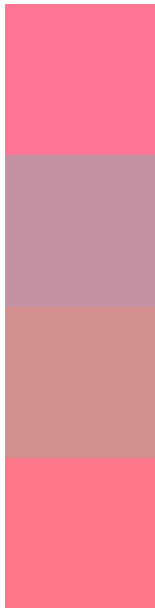
37.0207, 36.1690, 30.6213



Tritanopia

51.5520, 36.0888, 25.0176

Trichromacy



Original Color

52.9466, 36.1207, 32.1984

Protanomaly

39.5912, 34.6669, 39.7267

Deuteranomaly

41.5710, 35.2085, 30.9904

Tritanomaly

51.9138, 36.0421, 27.5132

Monochromacy



Original Color

52.9466, 36.1207, 32.1984

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

39.1296, 34.7279, 36.5391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9466, 36.1207, 32.1984 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 148) }
```

Border

The CSS property to change the border of an element to XYZ 52.9466, 36.1207, 32.1984 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, 148) }
```


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

```
.border{ border-color:rgb(255, 117, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9466, 36.1207, 32.1984 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, 148) }
```

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

```
.background{ background-color: rgb(255,  
117, 148) }
```

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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