

Converting Colors

XYZ(61.1068, 40.7494, 32.4664)

Have a look what the booklet for
XYZ(61.1068, 40.7494, 32.4664)
contains.

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Color

**XYZ(53.1821, 36.5918,
32.2769)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7794
RGB	255, 119, 148
RGB Percent	100%, 47%, 58%
CMY	0.0000, 0.5333, 0.4196
CMYK	0.00, 0.53, 0.42, 0.00
HSL	347°, 100%, 73%
HSV	347°, 53%, 100%
XYZ	53.1821, 36.5918, 32.2769
YIQ	162.9700, 71.7470, 37.8510

Conversions

Conversions Part 2

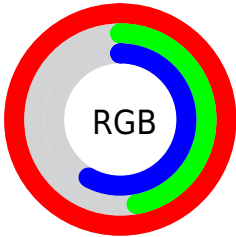
Format	Color
RYB	255, 119, 148
Decimal	16742292
CIELab	66.97, 54.39, 9.70
CIELCh	67, 55.244, 10.109
Yxy	36.5918, 0.4357, 0.2998
Android (android.graphics.Color)	4294932372 (0xFFFF7794)
YUV	162.9700, -7.3802, 80.7103
Hunter-Lab	60.4912, 51.0726, 10.7078

Details

The XYZ color **53.1821, 36.5918, 32.2769** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.0972, 80.9337, 84.5691**, and the grayscale version is **34.8099, 36.6227, 39.8821**.

A 20% lighter version of the original color is **67.2306, 56.1842, 63.1783**, and **26.2861, 16.0180, 13.2616** is the 20% darker color. If you saturate the color by 10%, you get **49.0912, 30.7350, 23.7455**, and if you desaturate by 10%, it is **58.3642, 44.1903, 42.5307**.

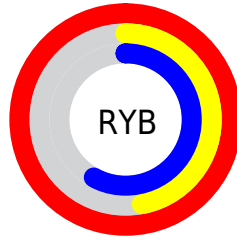
Distribution



Red (100%)

Green (47%)

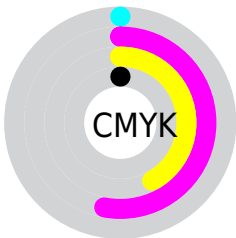
Blue (58%)



Red (100%)

Yellow (47%)

Blue (58%)

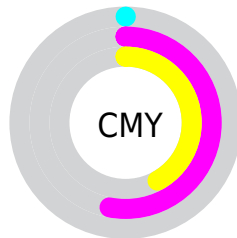


Cyan (0%)

Magenta (53%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1821, 36.5918, 32.2769 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 53.1821, 36.5918, 32.2769 by changing the saturation by 10% instead.


 53.1821, 36.5918,
32.2769


 53.1821, 36.5918,
32.2769


389.2328,
331.5398, 326.9102


 38.1762, 24.8916,
21.3065


 94.0362, 69.9445,
64.3479

 26.2973, 15.9963,
13.1548


 120.6152, 92.3658,
86.2855

 17.1800, 9.5215,
7.4033


 151.7825,
119.1296, 112.7161

 10.4590, 5.0829,
3.6333

187.9037,
150.6203, 144.0580

 5.7690, 2.2960,
1.4264

229.3439,
187.2223, 180.7298

 2.7444, 0.7716,
0.1622

276.4686,

 1.0201, 0.0000,

229.3199, 223.1501

0.0000

329.6431,
277.2977, 271.7374

■ 0.0000, 0.0000,
0.0000

■ 53.1821, 36.5918,
32.2769

■ 53.1821, 36.5918,
32.2769

■ 49.0912, 30.7350,
23.7455

■ 58.3642, 44.1903,
42.5307

■ 46.0076, 26.4752,
16.8375

■ 64.7071, 53.6488,
54.5941

■ 43.8396, 23.6536,
11.4464

■ 72.2778, 65.0818,
68.5507

■ 42.4761, 22.0754,
7.4506

■ 81.1375, 78.5928,
84.4780

■ 41.9143, 21.5297,
5.4816

■ 91.3432, 94.2781,
102.4494

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



52.2436, 36.5918, 57.7009



53.1821, 36.5918, 32.2769



48.6201, 36.5918, 16.8894

Triad

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



53.1821, 36.5918, 32.2769



25.3948, 36.5918, 13.9394



29.5789, 36.5918, 100.9187

Complementary

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



53.1821, 36.5918, 32.2769



57.0972, 80.9337, 84.5691

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.



23.8514, 36.5918, 77.5927



53.1821, 36.5918, 32.2769



21.7183, 36.5918, 26.1106

Square

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



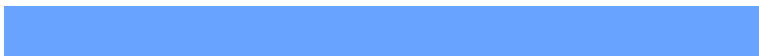
53.1821, 36.5918, 32.2769



32.0264, 36.5918, 9.4868



21.2028, 36.5918, 48.5060



37.6858, 36.5918, 104.7515

Rectangle

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



53.1821, 36.5918, 32.2769



43.4458, 36.5918, 11.7266



21.2028, 36.5918, 48.5060



27.3497, 36.5918, 94.7558

Sweetspot

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



53.1831, 36.5937, 32.2776



78.6428, 74.7767, 80.0286



55.8661, 36.5093, 98.7100



16.4349, 15.3979, 16.4162



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.



53.1831, 36.5937, 32.2776



48.8541, 30.4014, 23.2331



56.7186, 46.8889, 23.5164



18.1678, 18.0504, 19.5009



21.9451, 11.2673, 3.0953



2.1746, 1.1122, 0.5011

Inverse Universe

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



53.1831, 36.5937, 32.2776



48.8541, 30.4014, 23.2331



50.3350, 60.4948, 103.6312



18.1678, 18.0504, 19.5009



21.9451, 11.2673, 3.0953



2.1746, 1.1122, 0.5011

Previews

White Background



This preview shows how the XYZ color 53.1821, 36.5918, 32.2769 looks on a white background.

Color Contrast Check

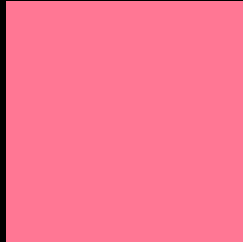
Large Text (above 18pt) WCAG AA × Fail

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 53.1821, 36.5918, 32.2769 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 53.1821, 36.5918, 32.2769

Background



This preview shows how black text looks on a background with the XYZ color 53.1821, 36.5918, 32.2769.



This preview shows how white text looks on a background with the XYZ color 53.1821, 36.5918,

32.2769.

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

53.1821, 36.5918, 32.2769

Protanopia

35.6766, 36.7117, 44.2354

Deuteranopia

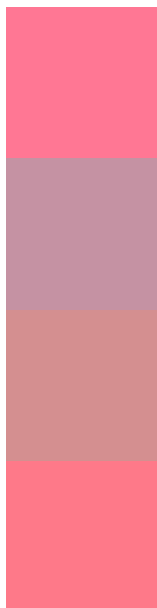
37.4330, 36.6317, 30.6889



Tritanopia

51.9293, 36.6286, 25.8058

Trichromacy



Original Color

53.1821, 36.5918, 32.2769

Protanomaly

39.9157, 35.0724, 39.3162

Deuteranomaly

42.0079, 35.6556, 31.0537

Tritanomaly

52.2258, 36.5517, 27.9695

Monochromacy



Original Color

53.1821, 36.5918, 32.2769

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

39.3702, 35.0718, 37.0423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1821, 36.5918, 32.2769 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, 119, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 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, 119, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 148) }
```

Border

The CSS property to change the border of an element to XYZ 53.1821, 36.5918, 32.2769 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, 119, 148) }
```


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

```
.border{ border-color:rgb(255, 119, 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, 119, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1821, 36.5918, 32.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 148) }
```

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

```
.background{ background-color: rgb(255,  
119, 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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