

Converting Colors

XYZ(52.0814, 36.9519, 24.0126)

Have a look what the booklet for
XYZ(52.0814, 36.9519, 24.0126)
contains.

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Color

**XYZ(52.0889, 36.9323,
24.1219)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7B7E
RGB	255, 123, 126
RGB Percent	100%, 48%, 49%
CMY	0.0000, 0.5176, 0.5059
CMYK	0.00, 0.52, 0.51, 0.00
HSL	359°, 100%, 74%
HSV	359°, 52%, 100%
XYZ	52.0889, 36.9323, 24.1219
YIQ	162.8100, 77.7090, 28.9170

Conversions

Conversions Part 2

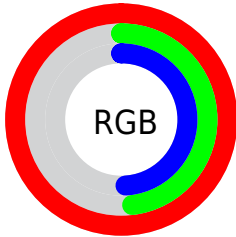
Format	Color
R_{YB}	255, 123, 126
Decimal	16743294
CIE _{Lab}	67.23, 50.44, 22.48
CIE _{LCh}	67, 55.219, 24.019
Yxy	36.9323, 0.4604, 0.3264
Android (android.graphics.Color)	4294933374 (0xFFFF7B7E)
YUV	162.8100, -18.1473, 80.8506
Hunter-Lab	60.7720, 46.6451, 19.0067

Details

The XYZ color **52.0889, 36.9323, 24.1219** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **61.5012, 82.7601, 104.8341**, and the grayscale version is **34.7815, 36.5929, 39.8497**.

A 20% lighter version of the original color is **65.2971, 56.3555, 50.0840**, and **25.7158, 16.2614, 8.8046** is the 20% darker color. If you saturate the color by 10%, you get **47.9145, 30.8447, 15.7605**, and if you desaturate by 10%, it is **57.4893, 44.8314, 34.8685**.

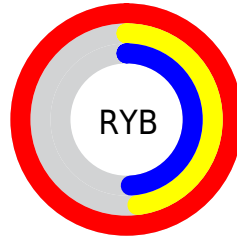
Distribution



Red (100%)

Green (48%)

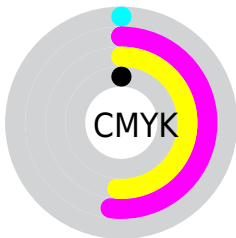
Blue (49%)



Red (100%)

Yellow (48%)

Blue (49%)

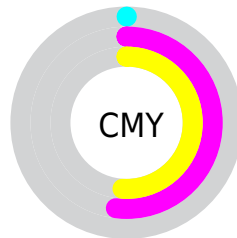


Cyan (0%)

Magenta (52%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0889, 36.9323, 24.1219 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 52.0889, 36.9323, 24.1219 by changing the saturation by 10% instead.


 52.0889, 36.9323,
24.1219

 52.0889, 36.9323,
24.1219

385.0980,
333.0173, 286.7426

 37.3005, 25.1551,
15.2110

 92.4358, 70.4687,
51.1754

 25.6150, 16.1926,
8.8194


 118.7250, 92.9966,
70.1551

 16.6670, 9.6606,
4.5283

 149.5785,
119.8768, 93.3281

 10.0912, 5.1745,
1.9194

185.3616,
151.4939, 121.1130

 5.5222, 2.3500,
0.5051

226.4398,
188.2320, 153.9284

 2.5947, 0.8000,
0.0000

273.1784,

 0.9432, 0.0000,

230.4757, 192.1928

0.0000

325.9427,
278.6094, 236.3246

■ 0.0000, 0.0000,
0.0000

■ 52.0889, 36.9323,
24.1219

■ 52.0889, 36.9323,
24.1219

■ 47.9145, 30.8447,
15.7605

■ 57.4893, 44.8314,
34.8685

■ 44.8678, 26.4197,
9.6009

■ 64.1986, 54.6636,
48.1611

■ 42.8396, 23.4950,
5.4364

■ 72.2955, 66.5470,
64.1487

■ 41.6982, 21.8726,
3.0199

■ 81.8520, 80.5886,
82.9683

■ 41.2716, 21.2726,
2.0968

■ 92.9347, 96.8877,
104.7476

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.



53.8189, 36.9323, 45.2471



52.0889, 36.9323, 24.1219



45.5141, 36.9323, 13.1300

Triad

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



52.0889, 36.9323, 24.1219



23.5518, 36.9323, 18.6396



33.4409, 36.9323, 106.3103

Complementary

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



52.0889, 36.9323, 24.1219



61.5012, 82.7601, 104.8341

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.



26.4146, 36.9323, 90.6929



52.0889, 36.9323, 24.1219



21.3234, 36.9323, 35.5668

Square

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



52.0889, 36.9323, 24.1219



28.9097, 36.9323, 10.9672



22.2808, 36.9323, 62.2238



42.1232, 36.9323, 99.2694

Rectangle

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



52.0889, 36.9323, 24.1219



39.7579, 36.9323, 10.0576



22.2808, 36.9323, 62.2238



30.8265, 36.9323, 103.3902

Sweetspot

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



52.0898, 36.9343, 24.1226



77.6190, 74.3672, 74.6376



64.7736, 41.8229, 99.2662



16.1945, 15.3017, 15.1499



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.



52.0898, 36.9343, 24.1226



47.8293, 30.7204, 15.5887



62.0818, 57.2228, 26.5146



18.0261, 17.9937, 18.7545



21.5725, 11.1183, 1.1336



2.1060, 1.0848, 0.1399

Inverse Universe

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



52.0898, 36.9343, 24.1226



47.8293, 30.7204, 15.5887



45.3788, 49.7502, 101.8186



18.0261, 17.9937, 18.7545



21.5725, 11.1183, 1.1336



2.1060, 1.0848, 0.1399

Previews

White Background



This preview shows how the XYZ color 52.0889, 36.9323, 24.1219 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 52.0889, 36.9323, 24.1219 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 52.0889, 36.9323, 24.1219

Background



This preview shows how black text looks on a background with the XYZ color 52.0889, 36.9323, 24.1219.



This preview shows how white text looks on a background with the XYZ color 52.0889, 36.9323,

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

52.0889, 36.9323, 24.1219

Protanopia

35.1809, 37.2532, 32.1244

Deuteranopia

37.6953, 36.9393, 22.9126



Tritanopia

52.2963, 36.8178, 25.8230

Trichromacy



Original Color

52.0889, 36.9323, 24.1219

Protanomaly

39.6920, 35.8864, 28.8795

Deuteranomaly

41.9572, 36.2549, 23.1989

Tritanomaly

52.1620, 36.7640, 25.1158

Monochromacy



Original Color

52.0889, 36.9323, 24.1219

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

38.8599, 35.1176, 33.5844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0889, 36.9323, 24.1219 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, 123, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 126)  
}
```

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, 123, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 126) }
```

Border

The CSS property to change the border of an element to XYZ 52.0889, 36.9323, 24.1219 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, 123, 126) }
```


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

```
.border{ border-color:rgb(255, 123, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0889, 36.9323, 24.1219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 126) }
```

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

```
.background{ background-color: rgb(255,  
123, 126) }
```

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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