

Converting Colors

XYZ(66.4132, 44.5909, 26.3918)

Have a look what the booklet for
XYZ(66.4132, 44.5909, 26.3918)
contains.

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Color

**XYZ(52.6029, 37.5389,
25.5924)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7D82
RGB	255, 125, 130
RGB Percent	100%, 49%, 51%
CMY	0.0000, 0.5098, 0.4902
CMYK	0.00, 0.51, 0.49, 0.00
HSL	358°, 100%, 75%
HSV	358°, 51%, 100%
XYZ	52.6029, 37.5389, 25.5924
YIQ	164.4400, 75.8750, 29.1150

Conversions

Conversions Part 2

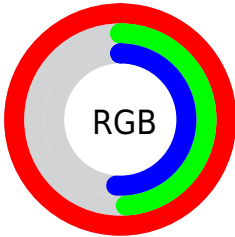
Format	Color
R _Y B	255, 125, 130
Decimal	16743810
CIE Lab	67.68, 49.83, 20.85
CIE LCh	68, 54.011, 22.704
Yxy	37.5389, 0.4545, 0.3244
Android (android.graphics.Color)	4294933890 (0xFFFF7D82)
YUV	164.4400, -16.9789, 79.4211
Hunter-Lab	61.2690, 46.0316, 18.1225

Details

The XYZ color **52.6029, 37.5389, 25.5924** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **61.4748, 82.7829, 103.1863**, and the grayscale version is **35.5505, 37.4019, 40.7307**.

A 20% lighter version of the original color is **66.1085, 57.3214, 52.3796**, and **25.9866, 16.5699, 9.6132** is the 20% darker color. If you saturate the color by 10%, you get **48.3246, 31.3100, 16.9909**, and if you desaturate by 10%, it is **58.1037, 45.5855, 36.5366**.

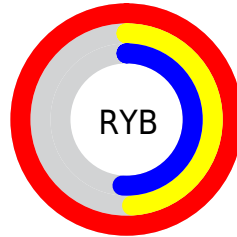
Distribution



Red (100%)

Green (49%)

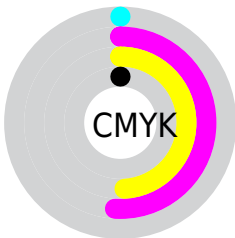
Blue (51%)



Red (100%)

Yellow (49%)

Blue (51%)

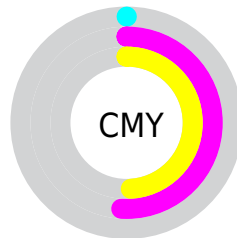


Cyan (0%)

Magenta (51%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6029, 37.5389, 25.5924 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 52.6029, 37.5389, 25.5924 by changing the saturation by 10% instead.


 52.6029, 37.5389,
25.5924


 52.6029, 37.5389,
25.5924


387.0456,
335.6378, 294.3170


 37.7121, 25.6250,
16.2959

 93.1888, 71.4008,
53.5926

 25.9355, 16.5433,
9.5772

 119.6145, 94.1177,
73.1335

 16.9078, 9.9094,
5.0176


 150.6159,
121.2043, 96.9262

 10.2637, 5.3389,
2.1987

186.5584,
153.0451, 125.3894

 5.6377, 2.4475,
0.6736

227.8072,
190.0244, 158.9415

 2.6646, 0.8502,
0.0000

274.7278,

 0.9790, 0.0000,

232.5267, 198.0011

0.0000

327.6855,
280.9364, 242.9867

■ 0.0000, 0.0000,
0.0000

■ 52.6029, 37.5389,
25.5924

■ 52.6029, 37.5389,
25.5924

■ 48.3246, 31.3100,
16.9909

■ 58.1037, 45.5855,
36.5366

■ 45.1729, 26.7520,
10.5595

■ 64.9077, 55.5700,
49.9752

■ 43.0424, 23.7055,
6.1051

■ 73.0918, 67.6090,
66.0495

■ 41.8061, 21.9769,
3.3993

■ 82.7262, 81.8083,
84.8896

■ 41.2936, 21.2814,
2.2126

■ 93.8764, 98.2666,
106.6171

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.



54.0569, 37.5389, 46.9847



52.6029, 37.5389, 25.5924



46.2998, 37.5389, 14.1514

Triad

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



52.6029, 37.5389, 25.5924



24.3872, 37.5389, 18.8908



33.6825, 37.5389, 105.4074

Complementary

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



52.6029, 37.5389, 25.5924



61.4748, 82.7829, 103.1863

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.



26.8219, 37.5389, 89.3466



52.6029, 37.5389, 25.5924



22.0253, 37.5389, 35.3166

Square

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



52.6029, 37.5389, 25.5924



29.8437, 37.5389, 11.4672



22.8416, 37.5389, 61.2748



42.2306, 37.5389, 99.5298

Rectangle

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



52.6029, 37.5389, 25.5924



40.6603, 37.5389, 10.8440



22.8416, 37.5389, 61.2748



31.1232, 37.5389, 102.2352

Sweetspot

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



52.6038, 37.5409, 25.5931



78.6721, 75.8304, 76.9705



64.2735, 41.9372, 99.3146



16.4050, 15.5911, 15.6259



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.



52.6038, 37.5409, 25.5931



48.3163, 31.2979, 16.9740



61.9797, 56.8161, 27.1045



18.0377, 17.9984, 18.8154



21.5890, 11.1249, 1.2204



2.1115, 1.0870, 0.1688

Inverse Universe

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



52.6038, 37.5409, 25.5931



48.3163, 31.2979, 16.9740



46.3622, 51.2879, 102.0635



18.0377, 17.9984, 18.8154



21.5890, 11.1249, 1.2204



2.1115, 1.0870, 0.1688

Previews

White Background



This preview shows how the XYZ color 52.6029, 37.5389, 25.5924 looks on a white background.

Color Contrast Check

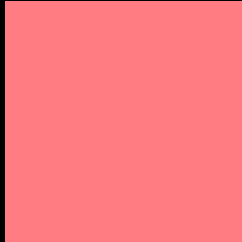
Large Text (above 18pt) WCAG AA × Fail

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 52.6029, 37.5389, 25.5924 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 52.6029, 37.5389, 25.5924

Background



This preview shows how black text looks on a background with the XYZ color 52.6029, 37.5389, 25.5924.



This preview shows how white text looks on a background with the XYZ color 52.6029, 37.5389,

25.5924.

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

52.6029, 37.5389, 25.5924

Protanopia

35.8932, 37.8508, 33.8479

Deuteranopia

38.3706, 37.5111, 24.2868



Tritanopia

52.8073, 37.6207, 26.6686

Trichromacy



Original Color

52.6029, 37.5389, 25.5924



Protanomaly

40.1460, 36.3222, 30.4862



Deuteranomaly

42.6601, 36.8158, 24.5964



Tritanomaly

52.7385, 37.5932, 26.3064

Monochromacy



Original Color

52.6029, 37.5389, 25.5924



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

39.5998, 35.9500, 34.5577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6029, 37.5389, 25.5924 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, 125, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 130)  
}
```

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, 125, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 130) }
```

Border

The CSS property to change the border of an element to XYZ 52.6029, 37.5389, 25.5924 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, 125, 130) }
```


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

```
.border{ border-color:rgb(255, 125, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6029, 37.5389, 25.5924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 130) }
```

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

```
.background{ background-color: rgb(255,  
125, 130) }
```

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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