

Converting Colors

XYZ(86.4514, 54.6621, 27.2260)

Have a look what the booklet for
XYZ(86.4514, 54.6621, 27.2260)
contains.

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Color

**XYZ(52.3522, 37.0376,
25.5088)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7B82
RGB	255, 123, 130
RGB Percent	100%, 48%, 51%
CMY	0.0000, 0.5176, 0.4902
CMYK	0.00, 0.52, 0.49, 0.00
HSL	357°, 100%, 74%
HSV	357°, 52%, 100%
XYZ	52.3522, 37.0376, 25.5088
YIQ	163.2660, 76.4250, 30.1610

Conversions

Conversions Part 2

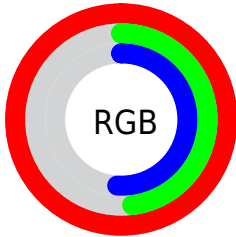
Format	Color
R _Y B	255, 123, 130
Decimal	16743298
CIE Lab	67.31, 50.79, 20.34
CIE LCh	67, 54.706, 21.823
Yxy	37.0376, 0.4556, 0.3224
Android (android.graphics.Color)	4294933378 (0xFFFF7B82)
YUV	163.2660, -16.4001, 80.4507
Hunter-Lab	60.8585, 47.0483, 17.7496

Details

The XYZ color **52.3522, 37.0376, 25.5088** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **60.8737, 82.5090, 101.5298**, and the grayscale version is **34.9894, 36.8116, 40.0878**.

A 20% lighter version of the original color is **65.7076, 56.5197, 52.2460**, and **25.8615, 16.3197, 9.5715** is the 20% darker color. If you saturate the color by 10%, you get **48.1555, 30.9410, 17.0295**, and if you desaturate by 10%, it is **57.7548, 44.9375, 36.2672**.

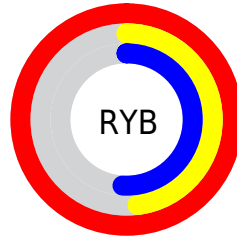
Distribution



Red (100%)

Green (48%)

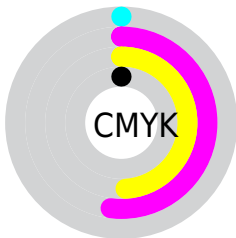
Blue (51%)



Red (100%)

Yellow (48%)

Blue (51%)

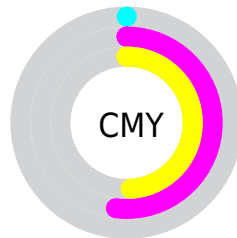


Cyan (0%)

Magenta (52%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3522, 37.0376, 25.5088 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 52.3522, 37.0376, 25.5088 by changing the saturation by 10% instead.


 52.3522, 37.0376,
25.5088


 52.3522, 37.0376,
25.5088


386.0965,
333.4733, 293.8908


 37.5113, 25.2366,
16.2341

 92.8216, 70.6306,
53.4558

 25.7791, 16.2534,
9.5338


 119.1808, 93.1914,
72.9651

 16.7903, 9.7037,
4.9894


 150.1102,
120.1076, 96.7230

 10.1794, 5.2029,
2.1824

185.9750,
151.7636, 125.1481

 5.5813, 2.3668,
0.6642

227.1407,
188.5438, 158.6589

 2.6304, 0.8087,
0.0000

273.9726,

 0.9615, 0.0000,

230.8325, 197.6739

0.0000

326.8361,
279.0142, 242.6117

■ 0.0000, 0.0000,
0.0000

■ 52.3522, 37.0376,
25.5088

■ 52.3522, 37.0376,
25.5088

■ 48.1555, 30.9410,
17.0295

■ 57.7548, 44.9375,
36.2672

■ 45.0695, 26.5004,
10.6632

■ 64.4434, 54.7615,
49.4505

■ 42.9892, 23.5548,
6.2245

■ 72.4941, 66.6264,
65.1949

■ 41.7884, 21.9086,
3.4951

■ 81.9767, 80.6384,
83.6257

■ 41.3158, 21.2903,
2.3301

■ 92.9560, 96.8962,
104.8603

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.



53.6519, 37.0376, 47.2434



52.3522, 37.0376, 25.5088



46.1141, 37.0376, 13.8672

Triad

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



52.3522, 37.0376, 25.5088



24.0092, 37.0376, 18.0247



32.9638, 37.0376, 105.2966

Complementary

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



52.3522, 37.0376, 25.5088



60.8737, 82.5090, 101.5298

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.



26.1651, 37.0376, 88.4798



52.3522, 37.0376, 25.5088



21.5578, 37.0376, 34.1221

Square

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



52.3522, 37.0376, 25.5088



29.5543, 37.0376, 10.8926



22.2793, 37.0376, 59.9972



41.5295, 37.0376, 100.0143

Rectangle

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



52.3522, 37.0376, 25.5088



40.4648, 37.0376, 10.4790



22.2793, 37.0376, 59.9972



30.4185, 37.0376, 101.8626

Sweetspot

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



52.3531, 37.0396, 25.5095



77.7787, 74.4310, 75.4784



63.2102, 41.0169, 99.1929



16.2319, 15.3167, 15.3468



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.



52.3531, 37.0396, 25.5095



48.0695, 30.8165, 16.8538



61.1781, 55.4153, 26.2133



18.0484, 18.0027, 18.8719



21.6043, 11.1310, 1.3008



2.1166, 1.0890, 0.1956

Inverse Universe

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



52.3531, 37.0396, 25.5095



48.0695, 30.8165, 16.8538



46.3686, 51.7298, 102.1484



18.0484, 18.0027, 18.8719



21.6043, 11.1310, 1.3008



2.1166, 1.0890, 0.1956

Previews

White Background



This preview shows how the XYZ color 52.3522, 37.0376, 25.5088 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 52.3522, 37.0376, 25.5088 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 52.3522, 37.0376, 25.5088

Background



This preview shows how black text looks on a background with the XYZ color 52.3522, 37.0376, 25.5088.



This preview shows how white text looks on a background with the XYZ color 52.3522, 37.0376,

25.5088.

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

52.3522, 37.0376, 25.5088

Protanopia

35.5751, 37.4109, 34.2002

Deuteranopia

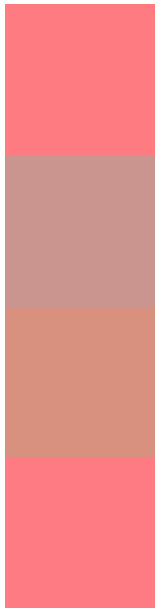
37.8573, 37.2464, 24.2628



Tritanopia

52.4197, 37.0646, 25.8641

Trichromacy



Original Color

52.3522, 37.0376, 25.5088

Protanomaly

40.0625, 36.0346, 30.8305

Deuteranomaly

42.2102, 36.3561, 24.5314

Tritanomaly

52.4197, 37.0646, 25.8641

Monochromacy



Original Color

52.3522, 37.0376, 25.5088

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

38.9408, 35.1499, 34.0104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3522, 37.0376, 25.5088 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 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, 123, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 130) }
```

Border

The CSS property to change the border of an element to XYZ 52.3522, 37.0376, 25.5088 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, 130) }
```


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

```
.border{ border-color:rgb(255, 123, 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, 123, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3522, 37.0376, 25.5088 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, 130) }
```

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

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