

Converting Colors

XYZ(52.2831, 37.4131, 23.9017)

Have a look what the booklet for
XYZ(52.2831, 37.4131, 23.9017)
contains.

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Color

**XYZ(52.2753, 37.4079,
23.8673)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7D7D
RGB	255, 125, 125
RGB Percent	100%, 49%, 49%
CMY	0.0000, 0.5098, 0.5098
CMYK	0.00, 0.51, 0.51, 0.00
HSL	0°, 100%, 75%
HSV	0°, 51%, 100%
XYZ	52.2753, 37.4079, 23.8673
YIQ	163.8700, 77.4800, 27.5600

Conversions

Conversions Part 2

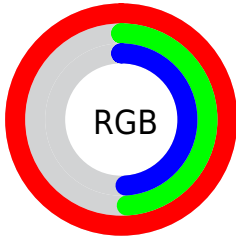
Format	Color
R _Y B	255, 125, 125
Decimal	16743805
CIE Lab	67.58, 49.39, 23.52
CIE LCh	68, 54.705, 25.460
Yxy	37.4079, 0.4604, 0.3294
Android (android.graphics.Color)	4294933885 (0xFFFF7D7D)
YUV	163.8700, -19.1629, 79.9210
Hunter-Lab	61.1620, 45.5309, 19.6766

Details

The XYZ color **52.2753, 37.4079, 23.8673** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **62.2652, 83.0954, 107.3647**, and the grayscale version is **35.2884, 37.1261, 40.4304**.

A 20% lighter version of the original color is **65.5971, 57.1169, 49.6868**, and **25.8059, 16.4976, 8.6617** is the 20% darker color. If you saturate the color by 10%, you get **48.0263, 31.1909, 15.4196**, and if you desaturate by 10%, it is **57.7727, 45.4528, 34.7945**.

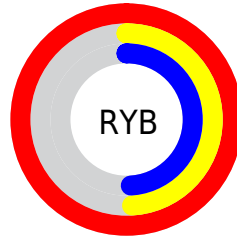
Distribution



Red (100%)

Green (49%)

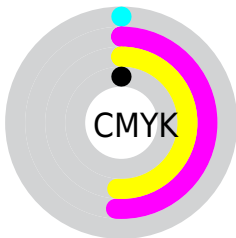
Blue (49%)



Red (100%)

Yellow (49%)

Blue (49%)

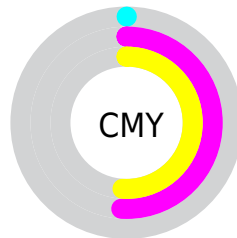


Cyan (0%)

Magenta (51%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2753, 37.4079, 23.8673 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 52.2753, 37.4079, 23.8673 by changing the saturation by 10% instead.


 52.2753, 37.4079,
23.8673

 52.2753, 37.4079,
23.8673

385.8050,
335.0731, 285.4138

 37.4497, 25.5235,
15.0239


 92.7089, 71.1997,
50.7547

 25.7311, 16.4675,
8.6894


 119.0477, 93.8758,
69.6358

 16.7542, 9.8556,
4.4451


 149.9549,
120.9180, 92.6998

 10.1536, 5.3033,
1.8726

185.7959,
152.7106, 120.3654

 5.5640, 2.4263,
0.4752

226.9361,
189.6380, 153.0511

 2.6199, 0.8394,
0.0000

273.7408,

 0.9561, 0.0000,

232.0847, 191.1753

0.0000

326.5753,
280.4349, 235.1567

■ 0.0000, 0.0000,
0.0000

■ 52.2753, 37.4079,
23.8673

■ 52.2753, 37.4079,
23.8673

■ 48.0263, 31.1909,
15.4196

■ 57.7727, 45.4528,
34.7945

■ 44.9254, 26.6534,
9.2555

■ 64.6028, 55.4473,
48.3723

■ 42.8618, 23.6335,
5.1535

■ 72.8458, 67.5092,
64.7590

■ 41.7012, 21.9351,
2.8467

■ 82.5749, 81.7455,
84.1000

■ 41.2400, 21.2602,
1.9300

■ 93.8580, 98.2559,
106.5306

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.



54.2682, 37.4079, 44.5137



52.2753, 37.4079, 23.8673



45.5515, 37.4079, 13.2239

Triad

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



52.2753, 37.4079, 23.8673



23.8126, 37.4079, 19.6855



34.2885, 37.4079, 106.6771

Complementary

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



52.2753, 37.4079, 23.8673



62.2652, 83.0954, 107.3647

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.



27.1399, 37.4079, 92.1342



52.2753, 37.4079, 23.8673



21.7299, 37.4079, 37.1686

Square

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



52.2753, 37.4079, 23.8673



29.0370, 37.4079, 11.5643



22.8447, 37.4079, 64.1026



42.9822, 37.4079, 98.6067

Rectangle

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



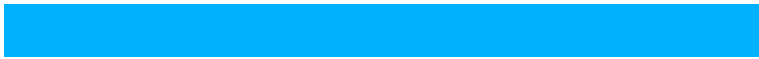
52.2753, 37.4079, 23.8673



39.7783, 37.4079, 10.3085



22.8447, 37.4079, 64.1026



31.6419, 37.4079, 104.1511

Sweetspot

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



52.2762, 37.4099, 23.8680



78.4809, 75.7547, 75.9610



66.6236, 43.1474, 99.4243



16.3598, 15.5732, 15.3873



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.



52.2762, 37.4099, 23.8680



48.0191, 31.1802, 15.4050



63.3551, 59.5677, 27.5609



18.0095, 17.9873, 18.6670



21.5489, 11.1090, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

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



62.2652, 83.0954, 107.3647



59.0023, 81.4128, 107.2122



44.9211, 48.4071, 101.5833



18.5549, 20.4813, 23.2253



28.1147, 41.1389, 55.8934



2.7375, 4.0056, 5.4422

Previews

White Background



This preview shows how the XYZ color 52.2753, 37.4079, 23.8673 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 52.2753, 37.4079, 23.8673 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 52.2753, 37.4079, 23.8673

Background



This preview shows how black text looks on a background with the XYZ color 52.2753, 37.4079, 23.8673.



This preview shows how white text looks on a background with the XYZ color 52.2753, 37.4079,

23.8673.

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

52.2753, 37.4079, 23.8673

Protanopia

35.7228, 37.8081, 31.8005

Deuteranopia

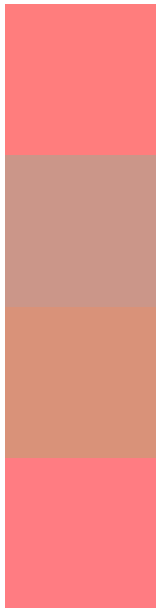
38.3216, 37.5214, 22.6754



Tritanopia

52.6813, 37.3688, 26.6266

Trichromacy



Original Color

52.2753, 37.4079, 23.8673

Protanomaly

40.0503, 36.3153, 28.5656

Deuteranomaly

42.3453, 36.6900, 22.9392

Tritanomaly

52.4769, 37.2870, 25.5504

Monochromacy



Original Color

52.2753, 37.4079, 23.8673

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

39.4373, 35.8850, 33.7021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2753, 37.4079, 23.8673 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, 125)` looks like.

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

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, 125) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 52.2753, 37.4079, 23.8673 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, 125) }
```


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

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

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, 125)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 52.2753, 37.4079, 23.8673 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, 125) }
```

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

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

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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