

Converting Colors

XYZ(95.3976, 60.0292, 22.8957)

Have a look what the booklet for
XYZ(95.3976, 60.0292, 22.8957)
contains.

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Color

**XYZ(51.9239, 37.6765,
20.7553)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7F73
RGB	255, 127, 115
RGB Percent	100%, 50%, 45%
CMY	0.0000, 0.5019, 0.5490
CMYK	0.00, 0.50, 0.55, 0.00
HSL	5°, 100%, 73%
HSV	5°, 55%, 100%
XYZ	51.9239, 37.6765, 20.7553
YIQ	163.9040, 80.1400, 23.4040

Conversions

Conversions Part 2

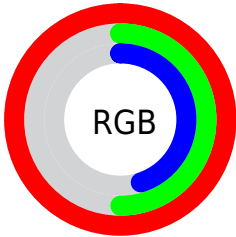
Format	Color
R _Y B	255, 128, 115
Decimal	16744307
CIE Lab	67.78, 47.61, 29.35
CIE LCh	68, 55.930, 31.650
Yxy	37.6765, 0.4705, 0.3414
Android (android.graphics.Color)	4294934387 (0xFFFF7F73)
YUV	163.9040, -24.1097, 79.8912
Hunter-Lab	61.3812, 43.5806, 22.9186

Details

The XYZ color **51.9239, 37.6765, 20.7553** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.1689, 74.9620, 106.0634**, and the grayscale version is **35.3264, 37.1661, 40.4739**.

A 20% lighter version of the original color is **64.9430, 57.5059, 44.2361**, and **25.4542, 16.6403, 7.1805** is the 20% darker color. If you saturate the color by 10%, you get **47.9838, 31.8289, 13.1765**, and if you desaturate by 10%, it is **56.9681, 45.0834, 30.7046**.

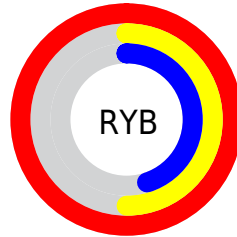
Distribution



Red (100%)

Green (50%)

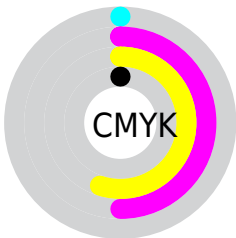
Blue (45%)



Red (100%)

Yellow (50%)

Blue (45%)

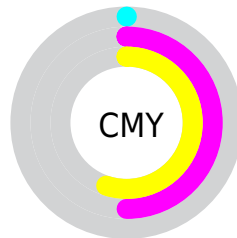


Cyan (0%)

Magenta (50%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9239, 37.6765, 20.7553 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 51.9239, 37.6765, 20.7553 by changing the saturation by 10% instead.


 51.9239, 37.6765,
20.7553


 51.9239, 37.6765,
20.7553

384.4715,
336.2302, 268.7134


 37.1684, 25.7317,
12.7558

 92.1939, 71.6120,
45.5554

 25.5122, 16.6230,
7.1318

 118.4391, 94.3716,
63.1931

 16.5898, 9.9661,
3.4650

 149.2450,
121.5048, 84.8805

 10.0360, 5.3765,
1.3367

184.9769,
153.3961, 111.0363

 5.4853, 2.4698,
0.0916

226.0001,
190.4299, 142.0789

 2.5724, 0.8615,
0.0000

272.6801,

 0.9319, 0.0000,

232.9906, 178.4269

0.0000

325.3821,
281.4626, 220.4989

■ 0.0000, 0.0000,
0.0000

■ 51.9239, 37.6765,
20.7553

■ 51.9239, 37.6765,
20.7553

■ 47.9838, 31.8289,
13.1765

■ 56.9681, 45.0834,
30.7046

■ 45.0620, 27.4235,
7.7689

■ 63.1883, 54.1439,
43.1974

■ 43.0644, 24.3362,
4.3040

■ 70.6533, 64.9520,
58.3930

■ 41.8776, 22.4191,
2.5009

■ 79.4259, 77.5927,
76.4371

■ 41.5243, 21.8288,
2.0248

■ 89.5646, 92.1456,
97.4648

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.



55.1498, 37.6765, 39.6668



51.9239, 37.6765, 20.7553



44.3068, 37.6765, 11.7537

Triad

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



51.9239, 37.6765, 20.7553



23.0726, 37.6765, 22.3007



36.2915, 37.6765, 109.4689

Complementary

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



51.9239, 37.6765, 20.7553



57.1689, 74.9620, 106.0634

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.



28.4762, 37.6765, 98.8729



51.9239, 37.6765, 20.7553



21.6206, 37.6765, 42.4104

Square

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



51.9239, 37.6765, 20.7553



27.7700, 37.6765, 12.3600



23.4317, 37.6765, 71.4514



45.2698, 37.6765, 96.4274

Rectangle

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



51.9239, 37.6765, 20.7553



38.2815, 37.6765, 9.6316



23.4317, 37.6765, 71.4514



33.4480, 37.6765, 108.5376

Sweetspot

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



51.9248, 37.6785, 20.7560



78.3966, 76.1121, 74.3115



63.5988, 40.0129, 89.4292



16.3766, 15.7104, 15.0737



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.



51.9248, 37.6785, 20.7560



47.6147, 31.2766, 12.4801



64.2252, 62.2792, 24.8561



18.1346, 18.2373, 18.7087



21.7401, 11.4914, 1.0722



2.1575, 1.2003, 0.1180

Inverse Universe

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



57.1689, 74.9620, 106.0634



53.2796, 71.8860, 105.6750



40.1280, 40.8803, 100.3831



18.4138, 20.1992, 23.1783



24.7319, 34.3735, 54.7658



2.4457, 3.4220, 5.3449

Previews

White Background



This preview shows how the XYZ color 51.9239, 37.6765, 20.7553 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 51.9239, 37.6765, 20.7553 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 51.9239, 37.6765, 20.7553

Background



This preview shows how black text looks on a background with the XYZ color 51.9239, 37.6765, 20.7553.



This preview shows how white text looks on a background with the XYZ color 51.9239, 37.6765,

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

51.9239, 37.6765, 20.7553

Protanopia

35.5245, 37.8063, 27.2548

Deuteranopia

38.5404, 37.7000, 19.7135



Tritanopia

52.8767, 37.6485, 27.0342

Trichromacy



Original Color

51.9239, 37.6765, 20.7553

Protanomaly

40.0093, 36.6187, 24.6981

Deuteranomaly

42.5164, 37.0752, 19.9543

Tritanomaly

52.5316, 37.7140, 24.5895

Monochromacy



Original Color

51.9239, 37.6765, 20.7553

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

39.2809, 36.0789, 32.0877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9239, 37.6765, 20.7553 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, 127, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 115)  
}
```

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, 127, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 115) }
```

Border

The CSS property to change the border of an element to XYZ 51.9239, 37.6765, 20.7553 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, 127, 115) }
```


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

```
.border{ border-color:rgb(255, 127, 115) }
```

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

Here you see how a box with a 4 pixel rgb(255, 127, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9239, 37.6765, 20.7553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 115) }
```

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

```
.background{ background-color: rgb(255,  
127, 115) }
```

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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