

Converting Colors

XYZ(50.5381, 38.0107, 10.7191)

Have a look what the booklet for
XYZ(50.5381, 38.0107, 10.7191)
contains.

XYZ(50.5260, 37.9605, 10.7950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.5260, 37.9605,
10.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8348
RGB	255, 131, 72
RGB Percent	100%, 51%, 28%
CMY	0.0000, 0.4862, 0.7176
CMYK	0.00, 0.49, 0.72, 0.00
HSL	19°, 100%, 64%
HSV	19°, 72%, 100%
XYZ	50.5260, 37.9605, 10.7950
YIQ	161.3500, 92.8430, 7.9390

Conversions

Conversions Part 2

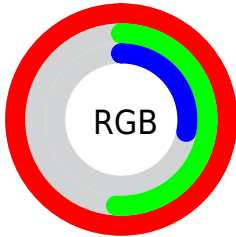
Format	Color
RYB	255, 159, 72
Decimal	16745288
CIELab	67.99, 43.01, 52.25
CIElCh	68, 67.670, 50.542
Yxy	37.9605, 0.5089, 0.3824
Android (android.graphics.Color)	4294935368 (0xFFFF8348)
YUV	161.3500, -44.0495, 82.1311
Hunter-Lab	61.6121, 38.5607, 32.7403

Details

The XYZ color **50.5260, 37.9605, 10.7950** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **40.4608, 48.0744, 101.7538**, and the grayscale version is **34.2088, 35.9903, 39.1935**.

A 20% lighter version of the original color is **62.3741, 57.8079, 26.6095**, and **24.6696, 16.8526, 2.6621** is the 20% darker color. If you saturate the color by 10%, you get **47.7298, 33.4350, 6.5749**, and if you desaturate by 10%, it is **54.0556, 43.4019, 16.9607**.

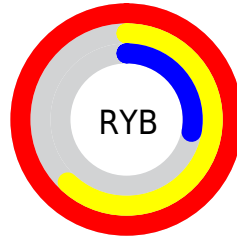
Distribution



Red (100%)

Green (51%)

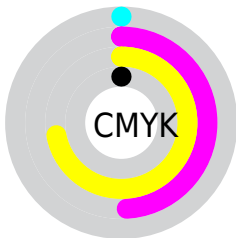
Blue (28%)



Red (100%)

Yellow (62%)

Blue (28%)

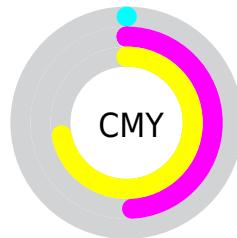


Cyan (0%)

Magenta (49%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5260, 37.9605, 10.7950 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 50.5260, 37.9605, 10.7950 by changing the saturation by 10% instead.


 50.5260, 37.9605,
10.7950


 50.5260, 37.9605,
10.7950


379.1374,
337.4505, 206.9424


 36.0510, 25.9520,
5.8167


 90.1409, 72.0476,
27.9113


 24.6439, 16.7878,
2.6670


 116.0115, 94.8950,
40.8864


 15.9393, 10.0833,
0.9267


 146.4115,
122.1242, 57.3642

 9.5718, 5.4542,
0.0000

 181.7060,
154.1195, 77.7632

 5.1760, 2.5162,
0.0000

 222.2605,
191.2655, 102.5020

 2.3867, 0.8847,
0.0000

268.4403,

 0.8385, 0.0000,

233.9463, 131.9991

0.0000

320.6109,
282.5465, 166.6730

■ 0.0000, 0.0000,
0.0000

■ 50.5260, 37.9605,
10.7950

■ 50.5260, 37.9605,
10.7950

■ 47.7298, 33.4350,
6.5749

■ 54.0556, 43.4019,
16.9607

■ 45.5994, 29.7626,
4.0510


■ 58.3720, 49.8039,
25.2760


■ 44.2738, 27.3281,
2.9414

■ 63.5255, 57.2153,
35.9211

■ 69.5616, 65.6795,
49.0563

■ 76.5220, 75.2370,
64.8277

 84.4456, 85.9263,
83.3699

 93.3690, 97.7839,
104.8083

95.0497, 99.9998,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.5356, 37.9605, 24.1525



50.5260, 37.9605, 10.7950



39.5082, 37.9605, 6.4745

Triad

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



50.5260, 37.9605, 10.7950



19.5767, 37.9605, 32.5231



43.6553, 37.9605, 122.7973

Complementary

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



50.5260, 37.9605, 10.7950



40.4608, 48.0744, 101.7538

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.



32.8566, 37.9605, 128.8810



50.5260, 37.9605, 10.7950



20.2573, 37.9605, 65.1800

Square

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



50.5260, 37.9605, 10.7950



22.6053, 37.9605, 14.3618



24.6894, 37.9605, 104.1515



54.0640, 37.9605, 90.1746

Rectangle

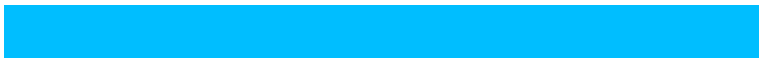
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.5260, 37.9605, 10.7950



32.5040, 37.9605, 6.5299



24.6894, 37.9605, 104.1515



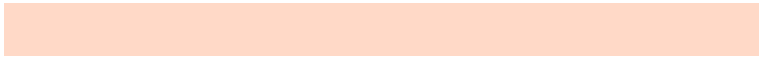
39.9098, 37.9605, 128.4754

Sweetspot

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



50.5269, 37.9625, 10.7957



76.3472, 74.9990, 64.4243



53.6410, 29.9283, 55.8030



15.9187, 15.4761, 12.8204



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.



50.5269, 37.9625, 10.7957



46.7505, 31.7787, 5.3150



68.3848, 73.6784, 16.7483



18.4875, 18.9432, 18.8263



23.2534, 14.5180, 1.5767



2.3582, 1.6018, 0.1849

Inverse Universe

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



40.4608, 48.0744, 101.7538



35.9675, 41.9905, 100.8170



25.8304, 18.8136, 96.8770



18.0321, 19.4359, 23.0511



17.3587, 19.6271, 52.3081



1.7893, 2.1092, 5.1261

Previews

White Background



This preview shows how the XYZ color 50.5260, 37.9605, 10.7950 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 50.5260, 37.9605, 10.7950 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 50.5260, 37.9605, 10.7950

Background



This preview shows how black text looks on a background with the XYZ color 50.5260, 37.9605, 10.7950.



This preview shows how white text looks on a background with the XYZ color 50.5260, 37.9605,

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

50.5260, 37.9605, 10.7950

Protanopia

34.9647, 38.0873, 13.6924

Deuteranopia

38.9131, 38.1008, 10.3043



Tritanopia

53.0039, 37.9029, 27.0766

Trichromacy



Original Color

50.5260, 37.9605, 10.7950

Protanomaly

39.3809, 37.0486, 12.4726

Deuteranomaly

42.3738, 37.4445, 10.4630

Tritanomaly

51.8284, 37.8460, 19.6123

Monochromacy



Original Color

50.5260, 37.9605, 10.7950

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

37.3745, 34.9998, 25.5547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5260, 37.9605, 10.7950 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, 131, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 72)  
}
```

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, 131, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 72) }
```

Border

The CSS property to change the border of an element to XYZ 50.5260, 37.9605, 10.7950 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, 131, 72) }
```


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

```
.border{ border-color:rgb(255, 131, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5260, 37.9605, 10.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 72) }
```

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

```
.background{ background-color: rgb(255,  
131, 72) }
```

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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