

Converting Colors

XYZ(57.8407, 50.7339, 22.7659)

Have a look what the booklet for
XYZ(57.8407, 50.7339, 22.7659)
contains.

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Color

**XYZ(57.9200, 50.8470,
22.6813)**

Conversions

Conversions Part 1

Format	Color
Hex	FDAA72
RGB	253, 170, 114
RGB Percent	99%, 67%, 45%
CMY	0.0078, 0.3333, 0.5529
CMYK	0.00, 0.33, 0.55, 0.01
HSL	24°, 97%, 72%
HSV	24°, 55%, 99%
XYZ	57.9200, 50.8470, 22.6813
YIQ	188.4330, 67.4440, 0.1800

Conversions

Conversions Part 2

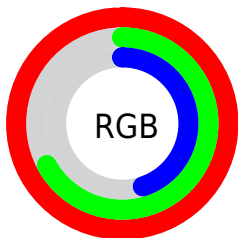
Format	Color
RYB	253, 208, 114
Decimal	16624242
CIELab	76.59, 24.82, 41.07
CIELCh	77, 47.992, 58.851
Yxy	50.8470, 0.4406, 0.3868
Android (android.graphics.Color)	4294814322 (0xFFFDAA72)
YUV	188.4330, -36.6955, 56.6253
Hunter-Lab	71.3071, 20.2013, 31.0560

Details

The XYZ color **57.9200, 50.8470, 22.6813** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **44.6342, 50.5993, 100.3423**, and the grayscale version is **48.2230, 50.7343, 55.2497**.

A 20% lighter version of the original color is **75.4114, 78.4427, 47.7256**, and **29.2790, 24.4302, 8.0228** is the 20% darker color. If you saturate the color by 10%, you get **54.0034, 45.0085, 15.2269**, and if you desaturate by 10%, it is **62.5627, 57.5007, 32.3432**.

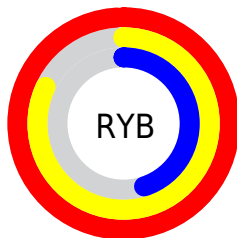
Distribution



Red (99%)

Green (67%)

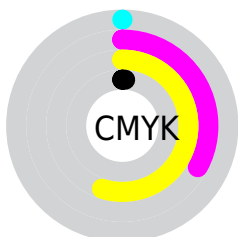
Blue (45%)



Red (99%)

Yellow (82%)

Blue (45%)

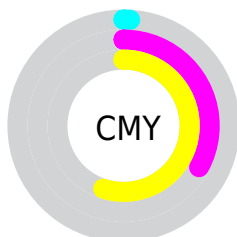


Cyan (0%)

Magenta (33%)

Yellow (55%)

Black (1%)



Cyan (1%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9200, 50.8470, 22.6813 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 57.9200, 50.8470, 22.6813 by changing the saturation by 10% instead.


 57.9200, 50.8470,
22.6813

 57.9200, 50.8470,
22.6813


406.8464,
389.9691, 279.1525


 41.9873, 36.0869,
14.1553

 100.9300, 91.4286,
48.7860


 29.2824, 24.5013,
8.0888


 128.7380,
118.0188, 67.2018

 19.4399, 15.7059,
4.0632


 161.2353,
149.3212, 89.7513

 12.0945, 9.3163,
1.6601

 198.7870,
185.7201, 116.8529

 6.8807, 4.9480,
0.3332

241.7586,
227.5999, 148.9254

 3.4333, 2.2168,
0.0000

290.5155,

 1.3868, 0.7291,

275.3451, 186.3871

0.0000

345.4230,
329.3400, 229.6566

■ 0.2468, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9200, 50.8470,
22.6813

■ 57.9200, 50.8470,
22.6813

■ 54.0034, 45.0085,
15.2269

■ 62.5627, 57.5007,
32.3432

■ 50.7644, 39.9422,
9.7958

■ 67.9682, 64.9948,
44.3704

■ 48.1536, 35.6117,
6.1781

■ 74.1747, 73.3626,
58.9098

■ 46.1102, 31.9731,
4.1153

■ 81.2165, 82.6331,
76.0951

■ 45.2532, 30.3733,
3.4775

■ 89.1258, 92.8340,
96.0506

■ 94.3178, 99.6226,
108.8657

Harmonies

Analogous

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



65.2650, 50.8470, 34.5952



57.9200, 50.8470, 22.6813



48.6790, 50.8470, 18.9423

Triad

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



57.9200, 50.8470, 22.6813



32.9084, 50.8470, 54.3686



57.2395, 50.8470, 111.6278

Complementary

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



57.9200, 50.8470, 22.6813



44.6342, 50.5993, 100.3423

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.



47.9798, 50.8470, 121.7979



57.9200, 50.8470, 22.6813



34.6092, 50.8470, 83.1233

Square

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



57.9200, 50.8470, 22.6813



34.8898, 50.8470, 33.3431



39.8591, 50.8470, 110.0375



64.8388, 50.8470, 85.4179

Rectangle

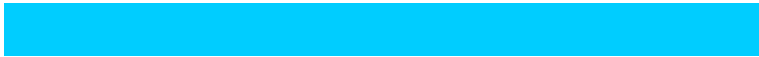
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.9200, 50.8470, 22.6813



42.9110, 50.8470, 20.2779



39.8591, 50.8470, 110.0375



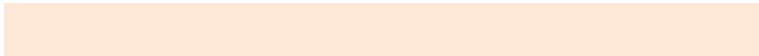
54.1839, 50.8470, 117.3399

Sweetspot

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



57.9212, 50.8495, 22.6823



81.8782, 83.0753, 75.4720



56.6494, 36.9672, 57.2138



17.1982, 17.3536, 15.3476



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.



57.9212, 50.8495, 22.6823



54.5883, 45.2237, 14.8046



74.4409, 83.8889, 28.1888



18.6101, 19.1884, 18.8672



24.2068, 16.4248, 1.8945



2.4606, 1.8066, 0.2190

Inverse Universe

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



44.6342, 50.5993, 100.3423



39.7628, 44.8525, 101.1694



32.3755, 26.0820, 96.2561



17.9050, 19.1816, 23.0087



15.4704, 15.8504, 51.6786



1.6135, 1.7576, 5.0675

Previews

White Background



This preview shows how the XYZ color 57.9200, 50.8470, 22.6813 looks on a white background.

Color Contrast Check

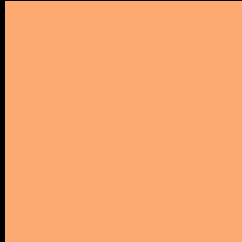
Large Text (above 18pt) WCAG AA × Fail

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 57.9200, 50.8470, 22.6813 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 57.9200, 50.8470, 22.6813

Background



This preview shows how black text looks on a background with the XYZ color 57.9200, 50.8470, 22.6813.



This preview shows how white text looks on a background with the XYZ color 57.9200, 50.8470,

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

57.9200, 50.8470, 22.6813

Protanopia

47.1024, 50.8975, 25.4308

Deuteranopia

52.0816, 51.0406, 22.4361



Tritanopia

62.2533, 50.9061, 47.1022

Trichromacy



Original Color

57.9200, 50.8470, 22.6813

Protanomaly

50.4294, 50.4519, 24.2198

Deuteranomaly

53.9627, 50.8137, 22.5867

Tritanomaly

60.2590, 50.6432, 36.7361

Monochromacy



Original Color

57.9200, 50.8470, 22.6813

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.1083, 49.6180, 40.6545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9200, 50.8470, 22.6813 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(253, 170, 114)` looks like.

```
.text, #text, p{  
    color:rgb(253, 170, 114)  
}
```

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(253, 170, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 170, 114) }
```

Border

The CSS property to change the border of an element to XYZ 57.9200, 50.8470, 22.6813 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(253, 170, 114) }
```


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

```
.border{ border-color:rgb(253, 170, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 170, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 170, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 170, 114);  
box-shadow:4px 4px 4px 4px rgb(253, 170,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9200, 50.8470, 22.6813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 170, 114) }
```

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

```
.background{ background-color: rgb(253,  
170, 114) }
```

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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