

Converting Colors

XYZ(56.7763, 40.4044, 24.8024)

Have a look what the booklet for
XYZ(56.7763, 40.4044, 24.8024)
contains.

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Color

**XYZ(52.9210, 38.4928,
24.7193)**

Conversions

Conversions Part 1

Format	Color
Hex	FF817F
RGB	255, 129, 127
RGB Percent	100%, 51%, 50%
CMY	0.0000, 0.4941, 0.5020
CMYK	0.00, 0.49, 0.50, 0.00
HSL	1°, 100%, 75%
HSV	1°, 50%, 100%
XYZ	52.9210, 38.4928, 24.7193
YIQ	166.4460, 75.7380, 26.0900

Conversions

Conversions Part 2

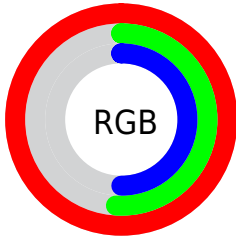
Format	Color
RYB	255, 129, 127
Decimal	16744831
CIELab	68.38, 47.62, 23.48
CIElCh	68, 53.095, 26.244
Yxy	38.4928, 0.4557, 0.3315
Android (android.graphics.Color)	4294934911 (0xFFFF817F)
YUV	166.4460, -19.4469, 77.6619
Hunter-Lab	62.0426, 43.6822, 19.8072

Details

The XYZ color **52.9210, 38.4928, 24.7193** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.9255, 81.9781, 107.1669**, and the grayscale version is **36.5282, 38.4305, 41.8508**.

A 20% lighter version of the original color is **66.6187, 58.8363, 51.0254**, and **26.1394, 17.0515, 9.1213** is the 20% darker color. If you saturate the color by 10%, you get **48.5545, 32.0914, 16.0762**, and if you desaturate by 10%, it is **58.5219, 46.6902, 35.8490**.

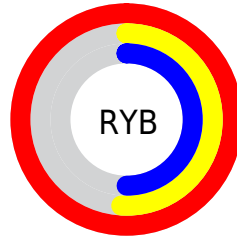
Distribution



Red (100%)

Green (51%)

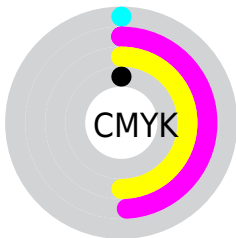
Blue (50%)



Red (100%)

Yellow (51%)

Blue (50%)

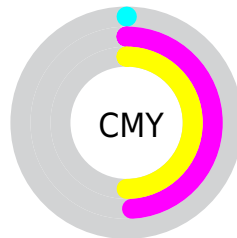


Cyan (0%)

Magenta (49%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9210, 38.4928, 24.7193 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 52.9210, 38.4928, 24.7193 by changing the saturation by 10% instead.


 52.9210, 38.4928,
24.7193


 52.9210, 38.4928,
24.7193


388.2478,
339.7293, 289.8399


 37.9669, 26.3654,
15.6509

 93.6543, 72.8628,
52.1599

 26.1341, 17.0972,
9.1258


 120.1643, 95.8743,
71.3693

 17.0572, 10.3038,
4.7254

 151.2569,
123.2825, 94.7961

 10.3708, 5.6009,
2.0312

187.2976,
155.4719, 122.8588

 5.7097, 2.6039,
0.5743

228.6517,
192.8269, 155.9760

 2.7083, 0.9286,
0.0000

275.6845,

 1.0015, 0.0000,

235.7318, 194.5662

0.0000

328.7614,
284.5712, 239.0480

■ 0.0000, 0.0000,
0.0000

■ 52.9210, 38.4928,
24.7193

■ 52.9210, 38.4928,
24.7193

■ 48.5545, 32.0914,
16.0762

■ 58.5219, 46.6902,
35.8490

■ 45.3265, 27.3460,
9.7270

■ 65.4377, 56.7980,
49.6342

■ 43.1320, 24.1057,
5.4542

■ 73.7454, 68.9281,
66.2311

■ 41.8451, 22.1897,
2.9973

■ 83.5153, 83.1821,
85.7834

■ 41.2832, 21.3467,
1.9445

94.8130, 99.6547,
108.4251

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



55.0165, 38.4928, 44.9905



52.9210, 38.4928, 24.7193



46.2310, 38.4928, 14.1659

Triad

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



52.9210, 38.4928, 24.7193



24.8163, 38.4928, 21.2355



35.5467, 38.4928, 106.4001

Complementary

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



52.9210, 38.4928, 24.7193



61.9255, 81.9781, 107.1669

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.



28.3858, 38.4928, 92.8105



52.9210, 38.4928, 24.7193



22.8139, 38.4928, 38.9774

Square

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



52.9210, 38.4928, 24.7193



29.9486, 38.4928, 12.7568



24.0148, 38.4928, 65.6541



44.1386, 38.4928, 98.0116

Rectangle

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



52.9210, 38.4928, 24.7193



40.5300, 38.4928, 11.2736



24.0148, 38.4928, 65.6541



32.9070, 38.4928, 104.1503

Sweetspot

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



52.9220, 38.4948, 24.7200



78.6350, 76.0629, 76.0124



66.8793, 43.6589, 99.5095



16.3962, 15.6460, 15.3995



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.



52.9220, 38.4948, 24.7200



48.6288, 32.2004, 16.2226



63.7016, 60.0540, 28.3132



18.0322, 18.0326, 18.6746



21.5813, 11.1739, 1.0193



2.1090, 1.1033, 0.1018

Inverse Universe

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



61.9255, 81.9781, 107.1669



58.5290, 80.0439, 106.9730



45.4334, 48.9938, 101.6695



18.5290, 20.4297, 23.2167



27.4685, 39.8467, 55.6780



2.6820, 3.8948, 5.4237

Previews

White Background



This preview shows how the XYZ color 52.9210, 38.4928, 24.7193 looks on a white background.

Color Contrast Check

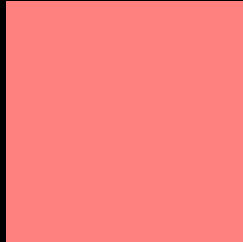
Large Text (above 18pt) WCAG AA × Fail

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 52.9210, 38.4928, 24.7193 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 52.9210, 38.4928, 24.7193

Background



This preview shows how black text looks on a background with the XYZ color 52.9210, 38.4928, 24.7193.



This preview shows how white text looks on a background with the XYZ color 52.9210, 38.4928,

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

52.9210, 38.4928, 24.7193

Protanopia

36.6087, 38.7957, 32.3469

Deuteranopia

39.3724, 38.5525, 23.7786



Tritanopia

53.4745, 38.5045, 28.2806

Trichromacy



Original Color

52.9210, 38.4928, 24.7193

Protanomaly

40.8805, 37.4548, 29.1196

Deuteranomaly

43.5990, 38.0102, 24.1076

Tritanomaly

53.1928, 38.3918, 26.7971

Monochromacy



Original Color

52.9210, 38.4928, 24.7193

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.3474, 37.0552, 34.7316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9210, 38.4928, 24.7193 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, 129, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 127)  
}
```

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, 129, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 127) }
```

Border

The CSS property to change the border of an element to XYZ 52.9210, 38.4928, 24.7193 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, 129, 127) }
```


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

```
.border{ border-color:rgb(255, 129, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9210, 38.4928, 24.7193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 127) }
```

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

```
.background{ background-color: rgb(255,  
129, 127) }
```

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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