

Converting Colors

XYZ(52.8024, 41.5880, 23.9413)

Have a look what the booklet for
XYZ(52.8024, 41.5880, 23.9413)
contains.

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Color

**XYZ(52.9728, 41.7006,
23.9959)**

Conversions

Conversions Part 1

Format	Color
Hex	FA907B
RGB	250, 144, 123
RGB Percent	98%, 56%, 48%
CMY	0.0196, 0.4353, 0.5176
CMYK	0.00, 0.42, 0.51, 0.02
HSL	10°, 93%, 73%
HSV	10°, 51%, 98%
XYZ	52.9728, 41.7006, 23.9959
YIQ	173.3000, 69.9170, 15.9410

Conversions

Conversions Part 2

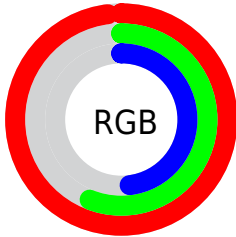
Format	Color
R _Y B	250, 148, 123
Decimal	16420987
CIE Lab	70.66, 37.92, 28.61
CIE LCh	71, 47.506, 37.037
Yxy	41.7006, 0.4464, 0.3514
Android (android.graphics.Color)	4294611067 (0xFFFA907B)
YUV	173.3000, -24.7979, 67.2659
Hunter-Lab	64.5760, 33.4186, 23.1715

Details

The XYZ color **52.9728, 41.7006, 23.9959** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.4414, 67.1483, 100.5866**, and the grayscale version is **39.9724, 42.0541, 45.7969**.

A 20% lighter version of the original color is **69.4999, 65.2414, 50.0041**, and **26.2984, 19.0959, 8.7784** is the 20% darker color. If you saturate the color by 10%, you get **48.7295, 35.4071, 15.8215**, and if you desaturate by 10%, it is **58.2017, 49.3262, 34.4708**.

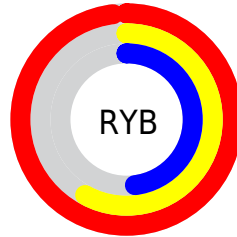
Distribution



Red (98%)

Green (56%)

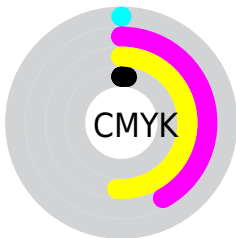
Blue (48%)



Red (98%)

Yellow (58%)

Blue (48%)

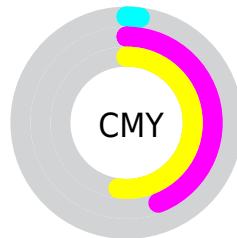


Cyan (0%)

Magenta (42%)

Yellow (51%)

Black (2%)



Cyan (2%)

Magenta (44%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9728, 41.7006, 23.9959 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 52.9728, 41.7006, 23.9959 by changing the saturation by 10% instead.


 52.9728, 41.7006,
23.9959

 52.9728, 41.7006,
23.9959


388.4433,
353.2403, 286.0856


 38.0084, 28.8669,
15.1184

 93.7301, 77.7463,
50.9673

 26.1665, 18.9802,
8.7550

 120.2538,
101.7271, 69.8982

 17.0816, 11.6560,
4.4871


 151.3613,
130.1924, 93.0174

 10.3883, 6.5099,
1.8962

187.4179,
163.5266, 120.7433

 5.7214, 3.1575,
0.4903

228.7891,
202.1141, 153.4946

 2.7155, 1.2145,
0.0000

275.8401,

 1.0051, 0.0735,

246.3393, 191.6897

0.0000

328.9364,
296.5866, 235.7472

■ 0.0000, 0.0000,
0.0000

■ 52.9728, 41.7006,
23.9959

■ 52.9728, 41.7006,
23.9959

■ 48.7295, 35.4071,
15.8215

■ 58.2017, 49.3262,
34.4708

■ 45.4056, 30.3624,
9.7709

■ 64.4707, 58.3482,
47.4001

■ 42.9310, 26.4837,
5.6456

■ 71.8339, 68.8342,
62.9270

■ 41.2236, 23.6752,
3.2077

■ 80.3406, 80.8456,
81.1831

■ 40.2294, 21.9342,
2.1134

■ 90.0372, 94.4402,
102.2911

93.2343, 99.0640,
108.8150

Harmonies

Analogous

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



56.6169, 41.7006, 40.3030



52.9728, 41.7006, 23.9959



45.8322, 41.7006, 16.0634

Triad

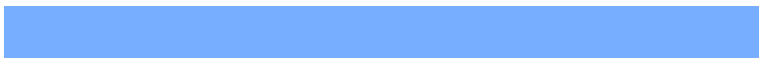
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.9728, 41.7006, 23.9959



27.2785, 41.7006, 30.5183



41.5168, 41.7006, 103.3747

Complementary

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



52.9728, 41.7006, 23.9959



53.4414, 67.1483, 100.5866

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.



34.0236, 41.7006, 98.0929



52.9728, 41.7006, 23.9959



26.4419, 41.7006, 50.9201

Square

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



52.9728, 41.7006, 23.9959



31.2067, 41.7006, 18.8663



28.7483, 41.7006, 76.8048



49.4590, 41.7006, 89.4904

Rectangle

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



52.9728, 41.7006, 23.9959



40.4219, 41.7006, 14.4341



28.7483, 41.7006, 76.8048



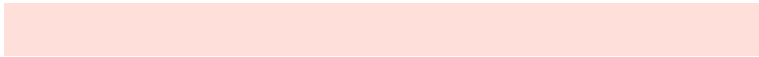
38.8587, 41.7006, 103.8399

Sweetspot

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



52.9738, 41.7027, 23.9967



80.1401, 79.0731, 76.5141



60.9241, 40.2568, 80.1236



16.7529, 16.3595, 15.5184



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.



52.9738, 41.7027, 23.9967



50.8700, 36.8820, 16.3553



64.9627, 65.6804, 27.9930



17.4765, 17.6889, 17.9556



21.4075, 11.7716, 1.1438



2.0467, 1.2182, 0.1273

Inverse Universe

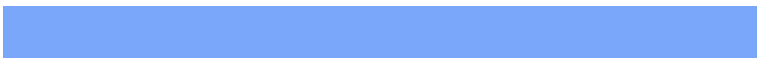
The Inverse Universe completely reimagines the original color for something new.



53.4414, 67.1483, 100.5866



51.3394, 66.0870, 104.6579



39.3253, 38.9160, 95.8812



17.5071, 19.0910, 22.1475



21.2925, 27.9406, 52.2444



2.0349, 2.7135, 4.8597

Previews

White Background



This preview shows how the XYZ color 52.9728, 41.7006, 23.9959 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 52.9728, 41.7006, 23.9959 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 52.9728, 41.7006, 23.9959

Background



This preview shows how black text looks on a background with the XYZ color 52.9728, 41.7006, 23.9959.



This preview shows how white text looks on a background with the XYZ color 52.9728, 41.7006,

23.9959.

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

52.9728, 41.7006, 23.9959

Protanopia

39.3951, 41.9790, 29.3190

Deuteranopia

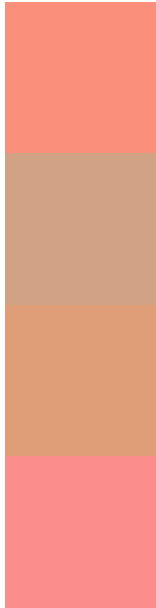
42.6981, 41.8697, 23.2840



Tritanopia

55.0280, 41.6536, 33.9938

Trichromacy



Original Color

52.9728, 41.7006, 23.9959

Protanomaly

43.3116, 41.0347, 27.1104

Deuteranomaly

46.0485, 41.4978, 23.3522

Tritanomaly

54.0422, 41.4524, 29.9637

Monochromacy



Original Color

52.9728, 41.7006, 23.9959

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.9241, 40.6247, 36.5894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9728, 41.7006, 23.9959 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(250, 144, 123)` looks like.

```
.text, #text, p{  
    color:rgb(250, 144, 123)  
}
```

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(250, 144, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 144, 123) }
```

Border

The CSS property to change the border of an element to XYZ 52.9728, 41.7006, 23.9959 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(250, 144, 123) }
```


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

```
.border{ border-color:rgb(250, 144, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 144, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 144, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 144, 123);  
box-shadow:4px 4px 4px 4px rgb(250, 144,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9728, 41.7006, 23.9959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 144, 123) }
```

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

```
.background{ background-color: rgb(250,  
144, 123) }
```

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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