

Converting Colors

XYZ(51.7900, 39.1326, 24.2258)

Have a look what the booklet for
XYZ(51.7900, 39.1326, 24.2258)
contains.

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Color

**XYZ(51.7900, 39.1326,
24.2258)**

Conversions

Conversions Part 1

Format	Color
Hex	FA877D
RGB	250, 135, 125
RGB Percent	98%, 53%, 49%
CMY	0.0196, 0.4706, 0.5098
CMYK	0.00, 0.46, 0.50, 0.02
HSL	5°, 93%, 74%
HSV	5°, 50%, 98%
XYZ	51.7900, 39.1326, 24.2258
YIQ	168.2450, 71.7500, 21.2700

Conversions

Conversions Part 2

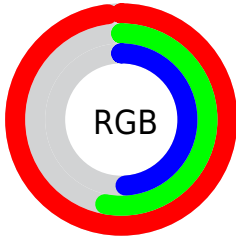
Format	Color
R_{YB}	250, 136, 125
Decimal	16418685
CIE _{Lab}	68.85, 42.67, 25.10
CIE _{LCh}	69, 49.501, 30.465
Yxy	39.1326, 0.4498, 0.3398
Android (android.graphics.Color)	4294608765 (0xFFFA877D)
YUV	168.2450, -21.3198, 71.6991
Hunter-Lab	62.5561, 38.3066, 20.8283

Details

The XYZ color **51.7900, 39.1326, 24.2258** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.8711, 73.5786, 101.6469**, and the grayscale version is **37.4177, 39.3663, 42.8699**.

A 20% lighter version of the original color is **67.6893, 61.3013, 50.3842**, and **25.3081, 17.3752, 8.8573** is the 20% darker color. If you saturate the color by 10%, you get **47.5197, 32.8343, 15.8900**, and if you desaturate by 10%, it is **57.1572, 46.9818, 34.9106**.

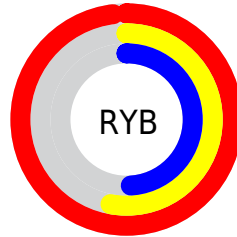
Distribution



Red (98%)

Green (53%)

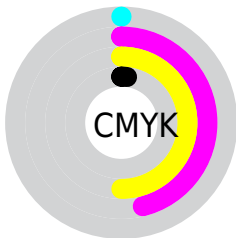
Blue (49%)



Red (98%)

Yellow (53%)

Blue (49%)

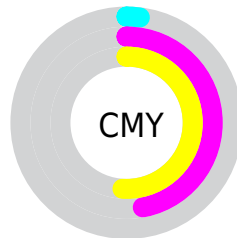


Cyan (0%)

Magenta (46%)

Yellow (50%)

Black (2%)



Cyan (2%)


Magenta (47%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7900, 39.1326, 24.2258 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 51.7900, 39.1326, 24.2258 by changing the saturation by 10% instead.


 51.7900, 39.1326,
24.2258


 51.7900, 39.1326,
24.2258


383.9626,
342.4539, 287.2833

 37.0613, 26.8629,
15.2875


 91.9975, 73.8408,
51.3469

 25.4289, 17.4703,
8.8725

 118.2071, 97.0482,
70.3667

 16.5273, 10.5704,
4.5624


 148.9743,
124.6702, 93.5840

 9.9912, 5.7787,
1.9387

184.6645,
157.0912, 121.4175

 5.4554, 2.7110,
0.5172

225.6431,
194.6957, 154.2856

 2.5543, 0.9828,
0.0000

272.2754,

 0.9227, 0.0000,

237.8681, 192.6070

0.0000

324.9268,
286.9927, 236.8000

■ 0.0000, 0.0000,
0.0000

■ 51.7900, 39.1326,
24.2258

■ 51.7900, 39.1326,
24.2258

■ 47.5197, 32.8343,
15.8900

■ 57.1572, 46.9818,
34.9106

■ 44.2675, 27.9784,
9.7241

■ 63.6871, 56.4688,
48.1010

■ 41.9488, 24.4520,
5.5265

■ 71.4434, 67.6815,
63.9427

■ 40.4640, 22.1228,
3.0572

■ 80.4847, 80.6996,
82.5696

■ 39.6746, 20.8247,
1.9285

■ 90.8656, 95.5980,
104.1065

■ 39.6746, 20.8247,
1.9285

■ 93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



54.4331, 39.1326, 42.2587



51.7900, 39.1326, 24.2258



45.1473, 39.1326, 14.9678

Triad

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



51.7900, 39.1326, 24.2258



25.5407, 39.1326, 24.6455



37.3171, 39.1326, 102.1471

Complementary

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



51.7900, 39.1326, 24.2258



56.8711, 73.5786, 101.6469

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.



30.2350, 39.1326, 92.4088



51.7900, 39.1326, 24.2258



24.0437, 39.1326, 42.9607

Square

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



51.7900, 39.1326, 24.2258



30.0504, 39.1326, 15.1433



25.6362, 39.1326, 68.5165



45.3893, 39.1326, 91.8219

Rectangle

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



51.7900, 39.1326, 24.2258



39.7527, 39.1326, 12.6037



25.6362, 39.1326, 68.5165



34.7482, 39.1326, 101.0829

Sweetspot

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



51.7910, 39.1346, 24.2265



79.2757, 77.3445, 76.2260



62.7349, 41.3823, 88.4231



16.5478, 15.9492, 15.4500



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.



51.7910, 39.1346, 24.2265



49.6836, 34.3099, 16.5742



62.8284, 61.2095, 27.9057



17.3562, 17.4483, 17.9155



21.0842, 11.1251, 1.0361



1.9900, 1.1048, 0.1084

Inverse Universe

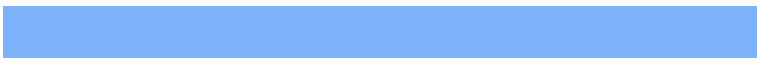
The Inverse Universe completely reimagines the original color for something new.



56.8711, 73.5786, 101.6469



55.5060, 73.9979, 105.9653



41.8665, 43.5695, 96.6454



17.6400, 19.3568, 22.1918



24.2106, 33.7768, 53.2171



2.2765, 3.1967, 4.9402

Previews

White Background



This preview shows how the XYZ color 51.7900, 39.1326, 24.2258 looks on a white background.

Color Contrast Check

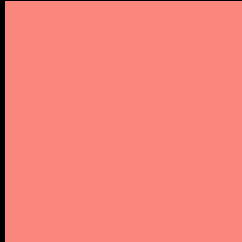
Large Text (above 18pt) WCAG AA × Fail

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 51.7900, 39.1326, 24.2258 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 51.7900, 39.1326, 24.2258

Background



This preview shows how black text looks on a background with the XYZ color 51.7900, 39.1326, 24.2258.



This preview shows how white text looks on a background with the XYZ color 51.7900, 39.1326,

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

51.7900, 39.1326, 24.2258

Protanopia

37.0964, 39.3637, 30.4537

Deuteranopia

39.9545, 39.1252, 23.2154



Tritanopia

52.9174, 38.9648, 30.3231

Trichromacy



Original Color

51.7900, 39.1326, 24.2258

Protanomaly

41.1635, 38.3636, 28.1570

Deuteranomaly

43.6545, 38.7670, 23.5943

Tritanomaly

52.6151, 39.0619, 28.0591

Monochromacy



Original Color

51.7900, 39.1326, 24.2258

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

40.8447, 38.0497, 34.8973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7900, 39.1326, 24.2258 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, 135, 125)` looks like.

```
.text, #text, p{  
    color:rgb(250, 135, 125)  
}
```

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, 135, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 135, 125) }
```

Border

The CSS property to change the border of an element to XYZ 51.7900, 39.1326, 24.2258 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, 135, 125) }
```


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

```
.border{ border-color:rgb(250, 135, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 135, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 135, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 135, 125);  
box-shadow:4px 4px 4px 4px rgb(250, 135,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7900, 39.1326, 24.2258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 135, 125) }
```

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

```
.background{ background-color: rgb(250,  
135, 125) }
```

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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