

Converting Colors

XYZ(78.1848, 52.1170, 24.4858)

Have a look what the booklet for
XYZ(78.1848, 52.1170, 24.4858)
contains.

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Color

**XYZ(53.0041, 39.1677,
23.1788)**

Conversions

Conversions Part 1

Format	Color
Hex	FF847A
RGB	255, 132, 122
RGB Percent	100%, 52%, 48%
CMY	0.0000, 0.4823, 0.5216
CMYK	0.00, 0.48, 0.52, 0.00
HSL	5°, 100%, 74%
HSV	5°, 52%, 100%
XYZ	53.0041, 39.1677, 23.1788
YIQ	167.6370, 76.5180, 22.9660

Conversions

Conversions Part 2

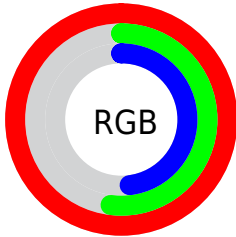
Format	Color
R_{YB}	255, 133, 122
Decimal	16745594
CIE _{Lab}	68.87, 45.72, 26.91
CIE _{LCh}	69, 53.057, 30.481
Yxy	39.1677, 0.4595, 0.3396
Android (android.graphics.Color)	4294935674 (0xFFFF847A)
YUV	167.6370, -22.4990, 76.6174
Hunter-Lab	62.5841, 41.6541, 21.8501

Details

The XYZ color **53.0041, 39.1677, 23.1788** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.7262, 76.6579, 106.3086**, and the grayscale version is **37.1232, 39.0565, 42.5325**.

A 20% lighter version of the original color is **66.6503, 59.8566, 48.0850**, and **26.2467, 17.5423, 8.3060** is the 20% darker color. If you saturate the color by 10%, you get **48.7820, 32.9290, 14.9725**, and if you desaturate by 10%, it is **58.3653, 47.0216, 33.8102**.

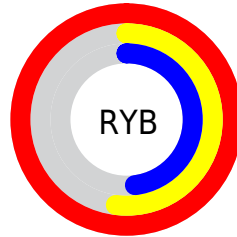
Distribution



Red (100%)

Green (52%)

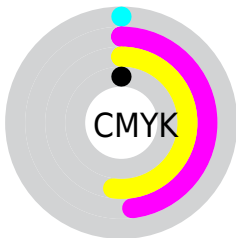
Blue (48%)



Red (100%)

Yellow (52%)

Blue (48%)

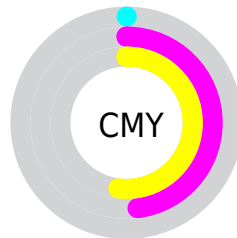


Cyan (0%)

Magenta (48%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0041, 39.1677, 23.1788 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 53.0041, 39.1677, 23.1788 by changing the saturation by 10% instead.


 53.0041, 39.1677,
23.1788


 53.0041, 39.1677,
23.1788


388.5615,
342.6030, 281.7936

 38.0335, 26.8902,
14.5190

 93.7759, 73.8944,
49.6137

 26.1860, 17.4908,
8.3397


 120.3078, 97.1125,
68.2259

 17.0963, 10.5850,
4.2222


 151.4243,
124.7462, 90.9926

 10.3989, 5.7885,
1.7480

187.4906,
157.1799, 118.3324

 5.7285, 2.7169,
0.3933

228.8721,
194.7980, 150.6639

 2.7198, 0.9858,
0.0000

275.9342,

 1.0074, 0.0000,

237.9850, 188.4056

0.0000

329.0422,
287.1252, 231.9760

■ 0.0000, 0.0000,
0.0000

■ 53.0041, 39.1677,
23.1788

■ 53.0041, 39.1677,
23.1788

■ 48.7820, 32.9290,
14.9725

■ 58.3653, 47.0216,
33.8102

■ 45.6135, 28.1875,
8.9981

■ 64.9370, 56.5857,
47.0352

■ 43.4061, 24.8190,
5.0363

■ 72.7881, 67.9550,
63.0097

■ 42.0491, 22.6764,
2.8226

■ 81.9815, 81.2158,
81.8769

■ 41.4759, 21.7320,
2.0087

■ 92.5759, 96.4488,
103.7697

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.



55.8872, 39.1677, 42.2589



53.0041, 39.1677, 23.1788



45.7924, 39.1677, 13.6769

Triad

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



53.0041, 39.1677, 23.1788



24.8368, 39.1677, 23.6308



37.3638, 39.1677, 107.8845

Complementary

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



53.0041, 39.1677, 23.1788



58.7262, 76.6579, 106.3086

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.



29.8037, 39.1677, 97.0894



53.0041, 39.1677, 23.1788



23.2662, 39.1677, 43.0374

Square

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



53.0041, 39.1677, 23.1788



29.6012, 39.1677, 13.8601



24.9407, 39.1677, 70.7705



46.0632, 39.1677, 96.4173

Rectangle

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



53.0041, 39.1677, 23.1788



39.9712, 39.1677, 11.3067



24.9407, 39.1677, 70.7705



34.6128, 39.1677, 106.7060

Sweetspot

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



53.0051, 39.1698, 23.1795



78.2856, 75.8902, 74.2745



64.8544, 41.8412, 91.9537



16.3506, 15.6584, 15.0651



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.



53.0051, 39.1698, 23.1795



48.4754, 32.4729, 14.3852



64.8024, 62.7644, 27.1119



18.1191, 18.2064, 18.7035



21.7111, 11.4335, 1.0626



2.1502, 1.1858, 0.1155

Inverse Universe

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



58.7262, 76.6579, 106.3086



54.7265, 73.6670, 105.9425



42.3235, 43.8524, 100.8410



18.4310, 20.2337, 23.1840



25.1260, 35.1616, 54.8972



2.4799, 3.4905, 5.3563

Previews

White Background



This preview shows how the XYZ color 53.0041, 39.1677, 23.1788 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 53.0041, 39.1677, 23.1788 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 53.0041, 39.1677, 23.1788

Background



This preview shows how black text looks on a background with the XYZ color 53.0041, 39.1677, 23.1788.



This preview shows how white text looks on a background with the XYZ color 53.0041, 39.1677,

23.1788.

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

53.0041, 39.1677, 23.1788

Protanopia

36.9502, 39.3052, 29.6839

Deuteranopia

40.0431, 39.1916, 22.2839



Tritanopia

53.8828, 39.0893, 29.1312

Trichromacy



Original Color

53.0041, 39.1677, 23.1788

Protanomaly

41.3398, 38.2304, 27.0302

Deuteranomaly

44.0549, 38.5168, 22.5653

Tritanomaly

53.5899, 39.1861, 26.9295

Monochromacy



Original Color

53.0041, 39.1677, 23.1788

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

41.1267, 37.9564, 34.4369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0041, 39.1677, 23.1788 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, 132, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 122)  
}
```

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, 132, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 122) }
```

Border

The CSS property to change the border of an element to XYZ 53.0041, 39.1677, 23.1788 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, 132, 122) }
```


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

```
.border{ border-color:rgb(255, 132, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0041, 39.1677, 23.1788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 122) }
```

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

```
.background{ background-color: rgb(255,  
132, 122) }
```

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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