

Converting Colors

XYZ(69.7894, 48.1386, 24.7301)

Have a look what the booklet for
XYZ(69.7894, 48.1386, 24.7301)
contains.

XYZ(53.4032, 39.7654, 23.9296)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.4032, 39.7654,
23.9296)**

Conversions

Conversions Part 1

Format	Color
Hex	FF867C
RGB	255, 134, 124
RGB Percent	100%, 53%, 49%
CMY	0.0000, 0.4745, 0.5137
CMYK	0.00, 0.47, 0.51, 0.00
HSL	5°, 100%, 74%
HSV	5°, 51%, 100%
XYZ	53.4032, 39.7654, 23.9296
YIQ	169.0390, 75.3260, 22.5420

Conversions

Conversions Part 2

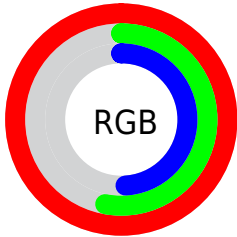
Format	Color
R_{YB}	255, 135, 124
Decimal	16746108
CIE _{Lab}	69.30, 44.90, 26.38
CIE _{LCh}	69, 52.078, 30.432
Yxy	39.7654, 0.4561, 0.3396
Android (android.graphics.Color)	4294936188 (0xFFFF867C)
YUV	169.0390, -22.2042, 75.3878
Hunter-Lab	63.0598, 40.8109, 21.6428

Details

The XYZ color **53.4032, 39.7654, 23.9296** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.0127, 76.8059, 106.3222**, and the grayscale version is **37.8128, 39.7820, 43.3226**.

A 20% lighter version of the original color is **67.3734, 60.8295, 49.7853**, and **26.4606, 17.8622, 8.7097** is the 20% darker color. If you saturate the color by 10%, you get **49.0934, 33.4017, 15.5394**, and if you desaturate by 10%, it is **58.8567, 47.7497, 34.7585**.

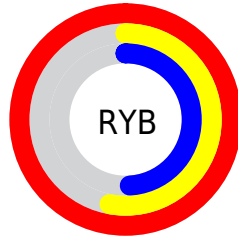
Distribution



Red (100%)

Green (53%)

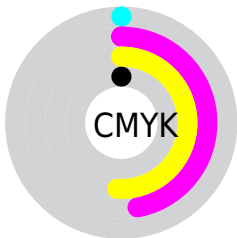
Blue (49%)



Red (100%)

Yellow (53%)

Blue (49%)

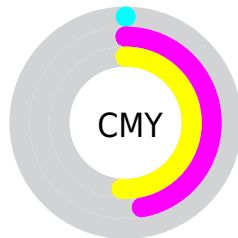


Cyan (0%)

Magenta (47%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4032, 39.7654, 23.9296 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 53.4032, 39.7654, 23.9296 by changing the saturation by 10% instead.


 53.4032, 39.7654,
23.9296


 53.4032, 39.7654,
23.9296


390.0657,
345.1338, 285.7395


 38.3535, 27.3557,
15.0697


 94.3594, 74.8061,
50.8577

 26.4356, 17.8405,
8.7211


 120.9967, 98.2059,
69.7629

 17.2842, 10.8356,
4.4654


 152.2272,
126.0379, 92.8537

 10.5339, 5.9564,
1.8840

188.4163,
158.6864, 120.5486

 5.8193, 2.8186,
0.4825

229.9294,
196.5359, 153.2660

 2.7751, 1.0378,
0.0000

277.1317,

 1.0360, 0.0000,

239.9706, 191.4246

0.0000

330.3887,
289.3751, 235.4429

■ 0.0000, 0.0000,
0.0000

■ 53.4032, 39.7654,
23.9296

■ 53.4032, 39.7654,
23.9296

■ 49.0934, 33.4017,
15.5394

■ 58.8567, 47.7497,
34.7585

■ 45.8429, 28.5417,
9.3964

■ 65.5245, 57.4484,
48.1931

■ 43.5602, 25.0633,
5.2845

■ 73.4749, 68.9556,
64.3883

■ 42.1368, 22.8219,
2.9433

■ 82.7704, 82.3567,
83.4862

■ 41.4809, 21.7420,
2.0103

■ 93.4692, 97.7319,
105.6191

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



56.2373, 39.7654, 42.9522



53.4032, 39.7654, 23.9296



46.2876, 39.7654, 14.3490

Triad

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



53.4032, 39.7654, 23.9296



25.4775, 39.7654, 24.3361



37.9169, 39.7654, 107.4985

Complementary

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



53.4032, 39.7654, 23.9296



59.0127, 76.8059, 106.3222

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.



30.4119, 39.7654, 96.8877



53.4032, 39.7654, 23.9296



23.9035, 39.7654, 43.6452

Square

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



53.4032, 39.7654, 23.9296



30.2309, 39.7654, 14.5156



25.5707, 39.7654, 71.0226



46.5279, 39.7654, 96.2961

Rectangle

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



53.4032, 39.7654, 23.9296



40.5287, 39.7654, 11.9364



25.5707, 39.7654, 71.0226



35.1886, 39.7654, 106.3319

Sweetspot

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



53.4042, 39.7675, 23.9303



79.2390, 77.2710, 76.2137



65.1232, 42.3457, 92.1445



16.5391, 15.9318, 15.4471



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.



53.4042, 39.7675, 23.9303



48.8591, 33.0535, 15.0896



65.1256, 63.2103, 27.8375



18.1208, 18.2098, 18.7041



21.7141, 11.4395, 1.0636



2.1510, 1.1873, 0.1158

Inverse Universe

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



59.0127, 76.8059, 106.3222



54.9968, 73.8113, 105.9561



42.8389, 44.4583, 100.9310



18.4291, 20.2299, 23.1834



25.0829, 35.0753, 54.8828



2.4761, 3.4830, 5.3550

Previews

White Background



This preview shows how the XYZ color 53.4032, 39.7654, 23.9296 looks on a white background.

Color Contrast Check

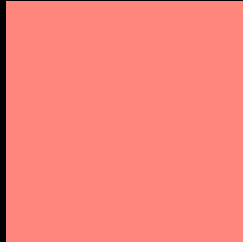
Large Text (above 18pt) WCAG AA × Fail

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 53.4032, 39.7654, 23.9296 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 53.4032, 39.7654, 23.9296

Background



This preview shows how black text looks on a background with the XYZ color 53.4032, 39.7654, 23.9296.



This preview shows how white text looks on a background with the XYZ color 53.4032, 39.7654,

23.9296.

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

53.4032, 39.7654, 23.9296

Protanopia

37.5120, 39.8531, 30.5263

Deuteranopia

40.6072, 39.7291, 22.9810



Tritanopia

54.2990, 39.6856, 29.9975

Trichromacy



Original Color

53.4032, 39.7654, 23.9296



Protanomaly

41.9237, 38.7636, 27.8268



Deuteranomaly

44.4982, 39.2091, 23.3120



Tritanomaly

54.0007, 39.7843, 27.7547

Monochromacy



Original Color

53.4032, 39.7654, 23.9296



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

41.4577, 38.3562, 35.3554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4032, 39.7654, 23.9296 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, 134, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 124)  
}
```

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, 134, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 124) }
```

Border

The CSS property to change the border of an element to XYZ 53.4032, 39.7654, 23.9296 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, 134, 124) }
```


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

```
.border{ border-color:rgb(255, 134, 124) }
```

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

Here you see how a box with a 4 pixel rgb(255, 134, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4032, 39.7654, 23.9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 124) }
```

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

```
.background{ background-color: rgb(255,  
134, 124) }
```

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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