

Converting Colors

XYZ(53.5084, 40.0111, 23.8563)

Have a look what the booklet for
XYZ(53.5084, 40.0111, 23.8563)
contains.

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Color

**XYZ(53.5421, 40.0432,
23.9759)**

Conversions

Conversions Part 1

Format	Color
Hex	FF877C
RGB	255, 135, 124
RGB Percent	100%, 53%, 49%
CMY	0.0000, 0.4706, 0.5137
CMYK	0.00, 0.47, 0.51, 0.00
HSL	5°, 100%, 74%
HSV	5°, 51%, 100%
XYZ	53.5421, 40.0432, 23.9759
YIQ	169.6260, 75.0510, 22.0190

Conversions

Conversions Part 2

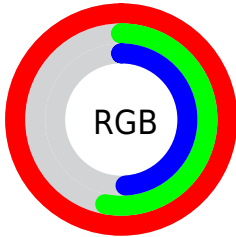
Format	Color
R_{YB}	255, 136, 124
Decimal	16746364
CIE _{Lab}	69.50, 44.41, 26.64
CIE _{LCh}	70, 51.785, 30.962
Yxy	40.0432, 0.4554, 0.3406
Android (android.graphics.Color)	4294936444 (0xFFFF877C)
YUV	169.6260, -22.4936, 74.8730
Hunter-Lab	63.2797, 40.2926, 21.8315

Details

The XYZ color **53.5421, 40.0432, 23.9759** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.7109, 76.2024, 106.2216**, and the grayscale version is **38.1057, 40.0902, 43.6582**.

A 20% lighter version of the original color is **67.5893, 61.2612, 49.8572**, and **26.5354, 18.0119, 8.7347** is the 20% darker color. If you saturate the color by 10%, you get **49.2239, 33.6626, 15.5829**, and if you desaturate by 10%, it is **58.9940, 48.0244, 34.8043**.

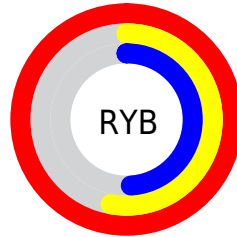
Distribution



Red (100%)

Green (53%)

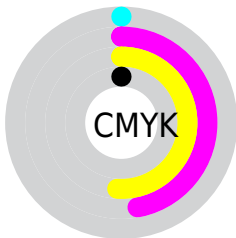
Blue (49%)



Red (100%)

Yellow (53%)

Blue (49%)

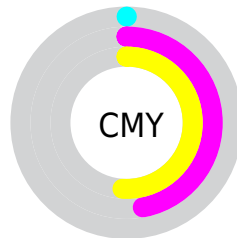


Cyan (0%)

Magenta (47%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5421, 40.0432, 23.9759 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 53.5421, 40.0432, 23.9759 by changing the saturation by 10% instead.

 53.5421, 40.0432,
23.9759


 53.5421, 40.0432,
23.9759


390.5884,
346.3056, 285.9813

 38.4649, 27.5722,
15.1037


 94.5624, 75.2293,
50.9342

 26.5226, 18.0034,
8.7448


 121.2363, 98.7132,
69.8574

 17.3497, 10.9525,
4.4806


 152.5064,
126.6369, 92.9680

 10.5810, 6.0349,
1.8925

188.7381,
159.3847, 120.6846

 5.8510, 2.8663,
0.4880

230.2968,
197.3411, 153.4257

 2.7945, 1.0623,
0.0000

277.5479,

 1.0460, 0.0000,

240.8905, 191.6098

0.0000

330.8566,
290.4172, 235.6554

■ 0.0000, 0.0000,
0.0000

■ 53.5421, 40.0432,
23.9759

■ 53.5421, 40.0432,
23.9759

■ 49.2239, 33.6626,
15.5829

■ 58.9940, 48.0244,
34.8043

■ 45.9563, 28.7686,
9.4343

■ 65.6490, 57.6975,
48.2346

■ 43.6497, 25.2424,
5.3143

■ 73.5744, 69.1545,
64.4214

■ 42.1978, 22.9440,
2.9637

■ 82.8314, 82.4788,
83.5065

■ 41.5159, 21.8120,
2.0220

■ 93.4776, 97.7487,
105.6219

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.



56.4610, 40.0432, 42.8334



53.5421, 40.0432, 23.9759



46.3907, 40.0432, 14.5025

Triad

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



53.5421, 40.0432, 23.9759



25.6853, 40.0432, 24.8839



38.3298, 40.0432, 107.5688

Complementary

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



53.5421, 40.0432, 23.9759



58.7109, 76.2024, 106.2216

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.



30.7913, 40.0432, 97.3748



53.5421, 40.0432, 23.9759



24.1663, 40.0432, 44.3761

Square

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



53.5421, 40.0432, 23.9759



30.3880, 40.0432, 14.8759



25.8931, 40.0432, 71.7691



46.9251, 40.0432, 96.0628

Rectangle

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



53.5421, 40.0432, 23.9759



40.6363, 40.0432, 12.1443



25.8931, 40.0432, 71.7691



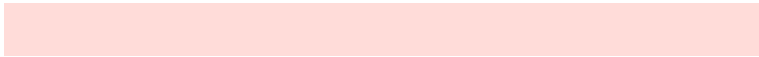
35.5947, 40.0432, 106.5422

Sweetspot

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



53.5431, 40.0453, 23.9766



79.3156, 77.4241, 76.2393



64.7894, 42.2122, 90.3872



16.5572, 15.9681, 15.4532



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.



53.5431, 40.0453, 23.9766



48.9888, 33.3127, 15.1328



65.6290, 64.2172, 28.0053



18.1320, 18.2322, 18.7078



21.7351, 11.4814, 1.0706



2.1563, 1.1979, 0.1176

Inverse Universe

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



58.7109, 76.2024, 106.2216



54.6369, 73.0915, 105.8361



42.3991, 43.5788, 100.7844



18.4166, 20.2049, 23.1792



24.7968, 34.5031, 54.7874



2.4513, 3.4333, 5.3468

Previews

White Background



This preview shows how the XYZ color 53.5421, 40.0432, 23.9759 looks on a white background.

Color Contrast Check

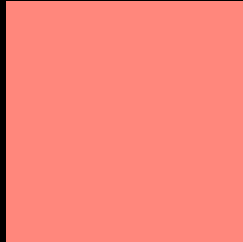
Large Text (above 18pt) WCAG AA × Fail

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 53.5421, 40.0432, 23.9759 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 53.5421, 40.0432, 23.9759

Background



This preview shows how black text looks on a background with the XYZ color 53.5421, 40.0432, 23.9759.



This preview shows how white text looks on a background with the XYZ color 53.5421, 40.0432,

23.9759.

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

53.5421, 40.0432, 23.9759

Protanopia

37.9307, 40.3462, 30.5994

Deuteranopia

41.0556, 40.2228, 23.0527



Tritanopia

54.5100, 39.9881, 30.4367

Trichromacy



Original Color

53.5421, 40.0432, 23.9759

Protanomaly

42.0922, 39.1006, 27.8829

Deuteranomaly

44.9666, 39.6925, 23.3806

Tritanomaly

54.1383, 40.0595, 27.8005

Monochromacy



Original Color

53.5421, 40.0432, 23.9759

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.8941, 38.8314, 35.4241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5421, 40.0432, 23.9759 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, 135, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 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, 135, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 124) }
```

Border

The CSS property to change the border of an element to XYZ 53.5421, 40.0432, 23.9759 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, 135, 124) }
```


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

```
.border{ border-color:rgb(255, 135, 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, 135, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5421, 40.0432, 23.9759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 124) }
```

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

```
.background{ background-color: rgb(255,  
135, 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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