

Converting Colors

XYZ(56.4180, 41.8148, 24.4809)

Have a look what the booklet for
XYZ(56.4180, 41.8148, 24.4809)
contains.

XYZ(53.7458, 40.3490, 24.3575)	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(53.7458, 40.3490,
24.3575)**

Conversions

Conversions Part 1

Format	Color
Hex	FF887D
RGB	255, 136, 125
RGB Percent	100%, 53%, 49%
CMY	0.0000, 0.4666, 0.5098
CMYK	0.00, 0.47, 0.51, 0.00
HSL	5°, 100%, 75%
HSV	5°, 51%, 100%
XYZ	53.7458, 40.3490, 24.3575
YIQ	170.3270, 74.4550, 21.8070

Conversions

Conversions Part 2

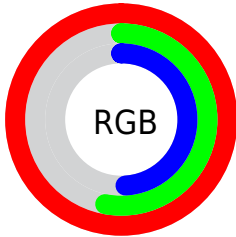
Format	Color
R _Y B	255, 137, 125
Decimal	16746621
CIE Lab	69.72, 43.99, 26.38
CIE LCh	70, 51.296, 30.947
Yxy	40.3490, 0.4537, 0.3406
Android (android.graphics.Color)	4294936701 (0xFFFF887D)
YUV	170.3270, -22.3462, 74.2582
Hunter-Lab	63.5209, 39.8696, 21.7295

Details

The XYZ color **53.7458, 40.3490, 24.3575** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.8561, 76.2772, 106.2282**, and the grayscale version is **38.4549, 40.4575, 44.0583**.

A 20% lighter version of the original color is **67.9067, 61.7360, 50.4566**, and **26.6459, 18.1776, 8.9417** is the 20% darker color. If you saturate the color by 10%, you get **49.3840, 33.9064, 15.8722**, and if you desaturate by 10%, it is **59.2435, 48.3945, 35.2848**.

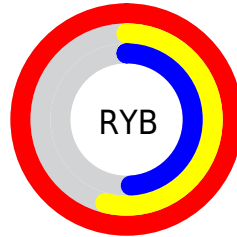
Distribution



Red (100%)

Green (53%)

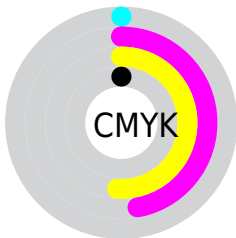
Blue (49%)



Red (100%)

Yellow (54%)

Blue (49%)

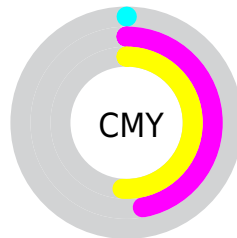


Cyan (0%)

Magenta (47%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7458, 40.3490, 24.3575 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 53.7458, 40.3490, 24.3575 by changing the saturation by 10% instead.


 53.7458, 40.3490,
24.3575

 53.7458, 40.3490,
24.3575


391.3541,
347.5924, 287.9675


 38.6283, 27.8108,
15.3844

 94.8600, 75.6947,
51.5641

 26.6501, 18.1831,
8.9400


 121.5874, 99.2709,
70.6346

 17.4459, 11.0815,
4.6058


 152.9155,
127.2952, 93.9081

 10.6502, 6.1217,
1.9632

189.2097,
160.1520, 121.8029

 5.8977, 2.9192,
0.5325

230.8353,
198.2258, 154.7378

 2.8230, 1.0897,
0.0000


278.1577,


 1.0609, 0.0000,


241.9008, 193.1311


0.0000


331.5422,
291.5615, 237.4015


 0.0000, 0.0000,
0.0000


 53.7458, 40.3490,
24.3575


 53.7458, 40.3490,
24.3575


 49.3840, 33.9064,
15.8722


 59.2435, 48.3945,
35.2848


 46.0754, 28.9534,
9.6389


 65.9459, 58.1336,
48.8201


 43.7310, 25.3721,
5.4433

 73.9202, 69.6579,
65.1172

 42.2455, 23.0237,
3.0281

 83.2273, 83.0505,
84.3176

 41.5189, 21.8182,
2.0230

 93.9246, 98.3892,
106.5529

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.



56.6412, 40.3490, 43.1814



53.7458, 40.3490, 24.3575



46.6421, 40.3490, 14.8496

Triad

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



53.7458, 40.3490, 24.3575



26.0133, 40.3490, 25.2521



38.6151, 40.3490, 107.3831

Complementary

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



53.7458, 40.3490, 24.3575



58.8561, 76.2772, 106.2282

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.



31.1048, 40.3490, 97.2840



53.7458, 40.3490, 24.3575



24.4939, 40.3490, 44.6937

Square

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



53.7458, 40.3490, 24.3575



30.7088, 40.3490, 15.2195



26.2176, 40.3490, 71.9067



47.1651, 40.3490, 96.0051

Rectangle

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



53.7458, 40.3490, 24.3575



40.9192, 40.3490, 12.4725



26.2176, 40.3490, 71.9067



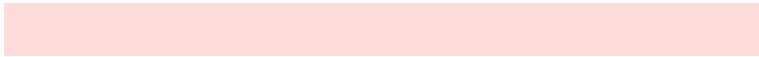
35.8917, 40.3490, 106.3637

Sweetspot

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



53.7468, 40.3511, 24.3582



79.3221, 77.4371, 76.2414



64.9280, 42.4692, 90.4957



16.5588, 15.9712, 15.4537



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.



53.7468, 40.3511, 24.3582



49.3765, 33.8951, 15.8575



65.7894, 64.4363, 28.3724



18.1330, 18.2341, 18.7082



21.7369, 11.4851, 1.0712



2.1567, 1.1988, 0.1177

Inverse Universe

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



58.8561, 76.2772, 106.2282



54.9465, 73.3013, 105.8603



42.6612, 43.8873, 100.8299



18.4156, 20.2028, 23.1789



24.7727, 34.4550, 54.7794



2.4492, 3.4291, 5.3461

Previews

White Background



This preview shows how the XYZ color 53.7458, 40.3490, 24.3575 looks on a white background.

Color Contrast Check

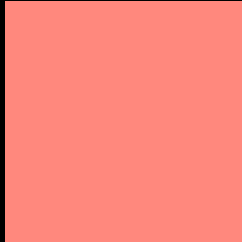
Large Text (above 18pt) WCAG AA × Fail

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 53.7458, 40.3490, 24.3575 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 53.7458, 40.3490, 24.3575

Background



This preview shows how black text looks on a background with the XYZ color 53.7458, 40.3490, 24.3575.



This preview shows how white text looks on a background with the XYZ color 53.7458, 40.3490,

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

53.7458, 40.3490, 24.3575

Protanopia

38.2385, 40.4963, 31.0005

Deuteranopia

41.1160, 40.2470, 23.3707



Tritanopia

54.7230, 40.2934, 30.8798

Trichromacy



Original Color

53.7458, 40.3490, 24.3575

Protanomaly

42.6125, 39.6129, 28.3218

Deuteranomaly

45.0283, 39.7172, 23.7053

Tritanomaly

54.3479, 40.3655, 28.2194

Monochromacy



Original Color

53.7458, 40.3490, 24.3575

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

42.1470, 39.2043, 35.9177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7458, 40.3490, 24.3575 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, 136, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 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(255, 136, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 125) }
```

Border

The CSS property to change the border of an element to XYZ 53.7458, 40.3490, 24.3575 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, 136, 125) }
```


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

```
.border{ border-color:rgb(255, 136, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 136, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7458, 40.3490, 24.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 125) }
```

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

```
.background{ background-color: rgb(255,  
136, 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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