

Converting Colors

XYZ(53.3995, 40.5818, 25.1007)

Have a look what the booklet for
XYZ(53.3995, 40.5818, 25.1007)
contains.

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Color

**XYZ(53.4273, 40.5919,
25.0978)**

Conversions

Conversions Part 1

Format	Color
Hex	FD8A7F
RGB	253, 138, 127
RGB Percent	99%, 54%, 50%
CMY	0.0078, 0.4588, 0.5020
CMYK	0.00, 0.45, 0.50, 0.01
HSL	5°, 97%, 75%
HSV	5°, 50%, 99%
XYZ	53.4273, 40.5919, 25.0978
YIQ	171.1310, 72.0710, 20.9590

Conversions

Conversions Part 2

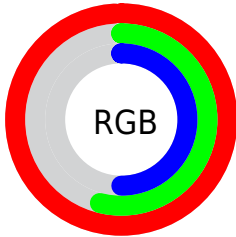
Format	Color
R _{YB}	253, 139, 127
Decimal	16616063
CIE Lab	69.89, 42.44, 25.46
CIE LCh	70, 49.485, 30.960
Yxy	40.5919, 0.4485, 0.3408
Android (android.graphics.Color)	4294806143 (0xFFFD8A7F)
YUV	171.1310, -21.7566, 71.7991
Hunter-Lab	63.7118, 38.1906, 21.2423

Details

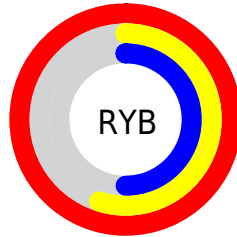
The XYZ color **53.4273, 40.5919, 25.0978** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.2324, 75.1045, 104.3558**, and the grayscale version is **38.8562, 40.8797, 44.5180**.

A 20% lighter version of the original color is **68.5482, 62.6952, 51.6685**, and **26.3619, 18.2535, 9.3416** is the 20% darker color. If you saturate the color by 10%, you get **49.0127, 34.0786, 16.4874**, and if you desaturate by 10%, it is **58.9620, 48.6833, 36.1245**.

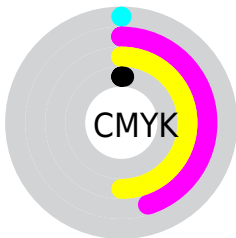
Distribution



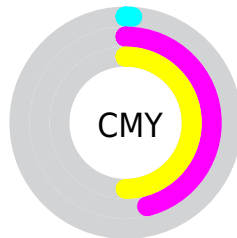
- Red (99%)
- Green (54%)
- Blue (50%)



- Red (99%)
- Yellow (55%)
- Blue (50%)



- Cyan (0%)
- Magenta (45%)
- Yellow (50%)
- Black (1%)





- Cyan (1%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4273, 40.5919, 25.0978 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 53.4273, 40.5919, 25.0978 by changing the saturation by 10% instead.

 53.4273, 40.5919,
25.0978


 53.4273, 40.5919,
25.0978


390.1564,
348.6121, 291.7879


 38.3728, 28.0003,
15.9303


 94.3947, 76.0640,
52.7819

 26.4507, 18.3259,
9.3210


 121.0383, 99.7133,
72.1356

 17.2956, 11.1842,
4.8515


 152.2757,
127.8174, 95.7217

 10.5421, 6.1909,
2.1032

188.4722,
160.7605, 123.9588

 5.8248, 2.9615,
0.6177

229.9931,
198.9272, 157.2654

 2.7785, 1.1117,
0.0000

277.2039,

 1.0377, 0.0000,

242.7017, 196.0601

0.0000

330.4699,
292.4685, 240.7614

■ 0.0000, 0.0000,
0.0000

■ 53.4273, 40.5919,
25.0978

■ 53.4273, 40.5919,
25.0978

■ 49.0127, 34.0786,
16.4874

■ 58.9620, 48.6833,
36.1245

■ 45.6386, 29.0344,
10.1096

■ 65.6833, 58.4398,
49.7280

■ 43.2197, 25.3465,
5.7581

■ 73.6557, 69.9498,
66.0578

■ 41.6555, 22.8828,
3.1870

■ 82.9386, 83.2935,
85.2512

■ 40.8084, 21.4791,
2.0094

■ 93.5874, 98.5461,
107.4364

■ 40.7968, 21.4602,
1.9920

94.3179, 99.6226,
108.8657

Harmonies

Analogous

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



56.2100, 40.5919, 43.4598



53.4273, 40.5919, 25.0978



46.5894, 40.5919, 15.6751

Triad

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



53.4273, 40.5919, 25.0978



26.5743, 40.5919, 25.9895



38.8411, 40.5919, 104.9510

Complementary

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



53.4273, 40.5919, 25.0978



58.2324, 75.1045, 104.3558

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.



31.5480, 40.5919, 95.3553



53.4273, 40.5919, 25.0978



25.0876, 40.5919, 44.9439

Square

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



53.4273, 40.5919, 25.0978



31.1572, 40.5919, 16.0498



26.7769, 40.5919, 71.1344



47.1001, 40.5919, 94.1218

Rectangle

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



53.4273, 40.5919, 25.0978



41.0638, 40.5919, 13.2919



26.7769, 40.5919, 71.1344



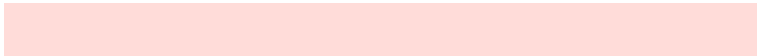
36.2011, 40.5919, 103.9854

Sweetspot

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



53.4283, 40.5940, 25.0985



79.3490, 77.4910, 76.2504



64.1997, 42.5026, 89.2187



16.5652, 15.9840, 15.4558



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.



53.4283, 40.5940, 25.0985



49.8107, 34.5641, 16.6166



65.1092, 63.9557, 28.9922



18.1369, 18.2420, 18.7095



21.7447, 11.5006, 1.0738



2.1586, 1.2025, 0.1183

Inverse Universe

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



58.2324, 75.1045, 104.3558



55.1732, 73.3322, 105.8543



42.7028, 44.0452, 99.1792



18.4112, 20.1940, 23.1774



24.6729, 34.2554, 54.7461



2.4405, 3.4118, 5.3432

Previews

White Background



This preview shows how the XYZ color 53.4273, 40.5919, 25.0978 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 53.4273, 40.5919, 25.0978 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 53.4273, 40.5919, 25.0978

Background



This preview shows how black text looks on a background with the XYZ color 53.4273, 40.5919, 25.0978.



This preview shows how white text looks on a background with the XYZ color 53.4273, 40.5919,

25.0978.

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

53.4273, 40.5919, 25.0978

Protanopia

38.5015, 40.9026, 31.4569

Deuteranopia

41.4169, 40.6526, 24.0762



Tritanopia

54.6479, 40.4431, 31.7141

Trichromacy



Original Color

53.4273, 40.5919, 25.0978

Protanomaly

42.6456, 39.8678, 29.1145

Deuteranomaly

45.1782, 40.2701, 24.4605

Tritanomaly

54.2647, 40.5141, 29.0047

Monochromacy



Original Color

53.4273, 40.5919, 25.0978

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.4019, 39.5803, 36.4153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4273, 40.5919, 25.0978 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(253, 138, 127)` looks like.

```
.text, #text, p{  
    color:rgb(253, 138, 127)  
}
```

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(253, 138, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 138, 127) }
```

Border

The CSS property to change the border of an element to XYZ 53.4273, 40.5919, 25.0978 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(253, 138, 127) }
```


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

```
.border{ border-color:rgb(253, 138, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 138, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 138, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 138, 127);  
box-shadow:4px 4px 4px 4px rgb(253, 138,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4273, 40.5919, 25.0978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 138, 127) }
```

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

```
.background{ background-color: rgb(253,  
138, 127) }
```

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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