

Converting Colors

XYZ(53.8978, 40.3099, 25.4653)

Have a look what the booklet for
XYZ(53.8978, 40.3099, 25.4653)
contains.

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Color

**XYZ(53.9404, 40.4268,
25.3823)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8880
RGB	255, 136, 128
RGB Percent	100%, 53%, 50%
CMY	0.0000, 0.4666, 0.4980
CMYK	0.00, 0.47, 0.50, 0.00
HSL	4°, 100%, 75%
HSV	4°, 50%, 100%
XYZ	53.9404, 40.4268, 25.3823
YIQ	170.6690, 73.4920, 22.7400

Conversions

Conversions Part 2

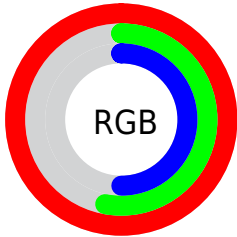
Format	Color
R _Y B	255, 137, 128
Decimal	16746624
CIE Lab	69.77, 44.25, 24.79
CIE LCh	70, 50.727, 29.260
Yxy	40.4268, 0.4504, 0.3376
Android (android.graphics.Color)	4294936704 (0xFFFF8880)
YUV	170.6690, -21.0358, 73.9583
Hunter-Lab	63.5821, 40.1634, 20.8386

Details

The XYZ color **53.9404, 40.4268, 25.3823** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.2109, 78.3266, 106.5524**, and the grayscale version is **38.6201, 40.6313, 44.2475**.

A 20% lighter version of the original color is **68.2113, 61.8578, 52.0607**, and **26.7527, 18.2204, 9.5040** is the 20% darker color. If you saturate the color by 10%, you get **49.4699, 33.8430, 16.6261**, and if you desaturate by 10%, it is **59.5845, 48.6833, 36.6109**.

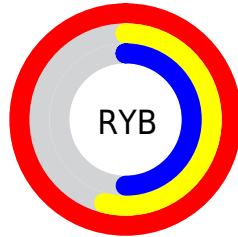
Distribution



Red (100%)

Green (53%)

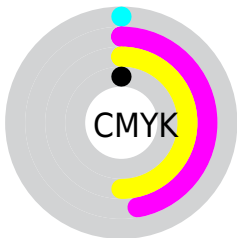
Blue (50%)



Red (100%)

Yellow (54%)

Blue (50%)

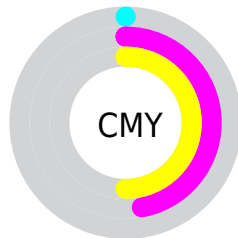


Cyan (0%)

Magenta (47%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (47%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9404, 40.4268, 25.3823 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 53.9404, 40.4268, 25.3823 by changing the saturation by 10% instead.


 53.9404, 40.4268,
25.3823


 53.9404, 40.4268,
25.3823


392.0848,
347.9192, 293.2449

 38.7845, 27.8715,
16.1405


 95.1441, 75.8130,
53.2485

 26.7721, 18.2288,
9.4682


 121.9227, 99.4126,
72.7101

 17.5378, 11.1144,
4.9469


 153.3061,
127.4625, 96.4152

 10.7164, 6.1438,
2.1579

189.6599,
160.3470, 124.7826

 5.9423, 2.9327,
0.6499

231.3493,
198.4506, 158.2307

 2.8504, 1.0967,
0.0000

278.7396,

 1.0751, 0.0000,

242.1575, 197.1781

0.0000

332.1963,
291.8522, 242.0433

■ 0.0042, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9404, 40.4268,
25.3823

■ 53.9404, 40.4268,
25.3823

■ 49.4699, 33.8430,
16.6261

■ 59.5845, 48.6833,
36.6109

■ 46.0875, 28.8118,
10.1536

■ 66.4740, 58.7094,
50.4769

■ 43.7006, 25.2075,
5.7525

■ 74.6782, 70.6018,
67.1339

■ 42.1999, 22.8818,
3.1698

■ 84.2606, 84.4485,
86.7229

■ 41.4360, 21.6480,
2.0090

95.0498, 99.9999,
108.9000

■ 41.4262, 21.6327,
1.9921

Harmonies

Analogous

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



56.5085, 40.4268, 44.6053



53.9404, 40.4268, 25.3823



47.0891, 40.4268, 15.4355

Triad

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



53.9404, 40.4268, 25.3823



26.3704, 40.4268, 24.6871



38.2206, 40.4268, 106.6224

Complementary

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



53.9404, 40.4268, 25.3823



60.2109, 78.3266, 106.5524

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.



30.8938, 40.4268, 95.5570



53.9404, 40.4268, 25.3823



24.6799, 40.4268, 43.4357

Square

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



53.9404, 40.4268, 25.3823



31.2006, 40.4268, 15.1465



26.2119, 40.4268, 70.0776



46.6852, 40.4268, 96.5407

Rectangle

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



53.9404, 40.4268, 25.3823



41.4478, 40.4268, 12.8277



26.2119, 40.4268, 70.0776



35.5518, 40.4268, 105.2045

Sweetspot

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



53.9414, 40.4289, 25.3830



79.1055, 77.0040, 76.1692



66.0034, 43.5163, 94.2570



16.5075, 15.8686, 15.4366



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.



53.9414, 40.4289, 25.3830



49.3934, 33.7296, 16.4775



65.2961, 63.1382, 29.1679



18.1013, 18.1707, 18.6976



21.6810, 11.3731, 1.0525



2.1418, 1.1689, 0.1127

Inverse Universe

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



60.2109, 78.3266, 106.5524



56.2892, 75.5643, 106.2264



44.3327, 46.5702, 101.2597



18.4510, 20.2737, 23.1907



25.5903, 36.0903, 55.0520



2.5201, 3.5709, 5.3697

Previews

White Background



This preview shows how the XYZ color 53.9404, 40.4268, 25.3823 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 53.9404, 40.4268, 25.3823 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 53.9404, 40.4268, 25.3823

Background



This preview shows how black text looks on a background with the XYZ color 53.9404, 40.4268, 25.3823.



This preview shows how white text looks on a background with the XYZ color 53.9404, 40.4268,

25.3823.

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

53.9404, 40.4268, 25.3823

Protanopia

38.2312, 40.4664, 32.1813

Deuteranopia

41.4792, 40.6775, 24.4042



Tritanopia

54.7991, 40.3238, 31.2806

Trichromacy



Original Color

53.9404, 40.4268, 25.3823

Protanomaly

42.5464, 39.5541, 29.4370

Deuteranomaly

45.3815, 40.1215, 24.7544

Tritanomaly

54.4914, 40.4229, 28.9751

Monochromacy



Original Color

53.9404, 40.4268, 25.3823

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.5004, 39.3768, 36.3708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9404, 40.4268, 25.3823 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 128) }
```

Border

The CSS property to change the border of an element to XYZ 53.9404, 40.4268, 25.3823 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, 128) }
```


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

```
.border{ border-color:rgb(255, 136, 128) }
```

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, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9404, 40.4268, 25.3823 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, 128) }
```

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

```
.background{ background-color: rgb(255,  
136, 128) }
```

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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