

Converting Colors

XYZ(53.7668, 40.0066, 30.8748)

Have a look what the booklet for
XYZ(53.7668, 40.0066, 30.8748)
contains.

XYZ(53.7668, 40.0066, 30.8748)	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(53.7668, 40.0066,
30.8748)**

Conversions

Conversions Part 1

Format	Color
Hex	FC878F
RGB	252, 135, 143
RGB Percent	99%, 53%, 56%
CMY	0.0118, 0.4706, 0.4392
CMYK	0.00, 0.46, 0.43, 0.01
HSL	356°, 95%, 76%
HSV	356°, 46%, 99%
XYZ	53.7668, 40.0066, 30.8748
YIQ	170.8950, 67.1640, 27.2920

Conversions

Conversions Part 2

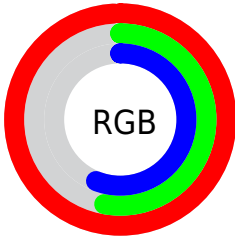
Format	Color
RYB	252, 135, 143
Decimal	16549775
CIELab	69.47, 45.10, 15.97
CIELCh	69, 47.841, 19.506
Yxy	40.0066, 0.4313, 0.3210
Android (android.graphics.Color)	4294739855 (0xFFFC878F)
YUV	170.8950, -13.7522, 71.1291
Hunter-Lab	63.2508, 41.0464, 15.3341

Details

The XYZ color **53.7668, 40.0066, 30.8748** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.1333, 81.3043, 98.0642**, and the grayscale version is **38.7004, 40.7158, 44.3395**.

A 20% lighter version of the original color is **69.7315, 62.1181, 61.1381**, and **26.7313, 18.0314, 12.4274** is the 20% darker color. If you saturate the color by 10%, you get **49.0613, 33.1503, 21.4306**, and if you desaturate by 10%, it is **59.6786, 48.6798, 42.5580**.

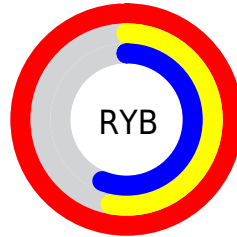
Distribution



Red (99%)

Green (53%)

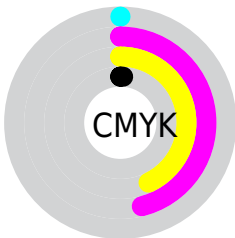
Blue (56%)



Red (99%)

Yellow (53%)

Blue (56%)

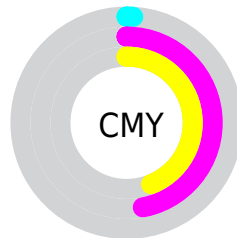


Cyan (0%)

Magenta (46%)

Yellow (43%)

Black (1%)



Cyan (1%)


Magenta (47%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7668, 40.0066, 30.8748 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 53.7668, 40.0066, 30.8748 by changing the saturation by 10% instead.


 53.7668, 40.0066,
30.8748


 53.7668, 40.0066,
30.8748


391.4330,
346.1514, 320.2944


 38.6452, 27.5437,
20.2459

 94.8907, 75.1736,
62.1202

 26.6633, 17.9820,
12.3880


 121.6236, 98.6464,
83.5737

 17.4558, 10.9370,
6.8828


 152.9577,
126.5580, 109.4725

 10.6573, 6.0245,
3.3116

189.2583,
159.2928, 140.2351

 5.9025, 2.8600,
1.2558

230.8908,
197.2351, 176.2800

 2.8260, 1.0591,
0.0252

278.2205,

 1.0624, 0.0000,

240.7694, 218.0259

0.0000

331.6128,
290.2800, 265.8912

■ 0.0000, 0.0000,
0.0000

■ 53.7668, 40.0066,
30.8748

■ 53.7668, 40.0066,
30.8748

■ 49.0613, 33.1503,
21.4306

■ 59.6786, 48.6798,
42.5580

■ 45.4759, 27.9761,
14.0802

■ 66.8687, 59.2799,
56.6086

■ 42.9181, 24.3407,
8.6644

■ 75.4073, 71.9154,
73.1477

■ 41.2790, 22.0739,
5.0005

■ 85.3583, 86.6849,
92.2877

■ 40.4247, 20.9638,
2.8704

■ 93.9548, 99.4354,
108.8487

■ 40.2477, 20.7366,
2.4206

Harmonies

Analogous

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



54.5293, 40.0066, 51.7528



53.7668, 40.0066, 30.8748



48.4781, 40.0066, 18.6076

Triad

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



53.7668, 40.0066, 30.8748



27.8359, 40.0066, 21.4112



35.3905, 40.0066, 100.0066

Complementary

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



53.7668, 40.0066, 30.8748



61.1333, 81.3043, 98.0642

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.



29.1943, 40.0066, 84.4428



53.7668, 40.0066, 30.8748



25.2403, 40.0066, 36.2816

Square

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



53.7668, 40.0066, 30.8748



33.2902, 40.0066, 14.5601



25.7015, 40.0066, 59.3170



43.1889, 40.0066, 97.0340

Rectangle

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



53.7668, 40.0066, 30.8748



43.4506, 40.0066, 14.6809



25.7015, 40.0066, 59.3170



33.0711, 40.0066, 96.6080

Sweetspot

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



53.7678, 40.0086, 30.8755



79.7997, 77.3397, 79.6463



62.9397, 43.2799, 97.1319



16.6330, 15.8905, 16.1850



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.



53.7678, 40.0086, 30.8755



50.5664, 34.2966, 22.3531



61.6080, 56.6239, 30.6068



17.2927, 17.2444, 18.1312



20.9839, 10.8093, 1.3576



1.9597, 1.0076, 0.2113

Inverse Universe

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



53.7678, 40.0086, 30.8755



50.5664, 34.2966, 22.3531



48.9793, 55.0113, 100.1321



17.2927, 17.2444, 18.1312



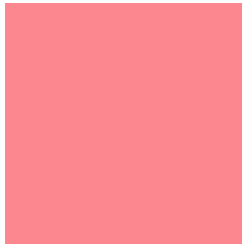
20.9839, 10.8093, 1.3576



1.9597, 1.0076, 0.2113

Previews

White Background



This preview shows how the XYZ color 53.7668, 40.0066, 30.8748 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 53.7668, 40.0066, 30.8748 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 53.7668, 40.0066, 30.8748

Background



This preview shows how black text looks on a background with the XYZ color 53.7668, 40.0066, 30.8748.



This preview shows how white text looks on a background with the XYZ color 53.7668, 40.0066,

30.8748.

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

53.7668, 40.0066, 30.8748

Protanopia

38.3002, 40.0631, 39.4325

Deuteranopia

40.9733, 40.0351, 29.6128



Tritanopia

53.8429, 40.0370, 31.2756

Trichromacy



Original Color

53.7668, 40.0066, 30.8748

Protanomaly

42.5183, 39.1435, 35.8864

Deuteranomaly

45.0383, 39.5813, 30.0771

Tritanomaly

53.8429, 40.0370, 31.2756

Monochromacy



Original Color

53.7668, 40.0066, 30.8748

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.4793, 39.3063, 39.0662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7668, 40.0066, 30.8748 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(252, 135, 143)` looks like.

```
.text, #text, p{  
    color:rgb(252, 135, 143)  
}
```

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(252, 135, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 135, 143) }
```

Border

The CSS property to change the border of an element to XYZ 53.7668, 40.0066, 30.8748 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(252, 135, 143) }
```


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

```
.border{ border-color:rgb(252, 135, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 135, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 135, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 135, 143);  
box-shadow:4px 4px 4px 4px rgb(252, 135,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7668, 40.0066, 30.8748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 135, 143) }
```

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

```
.background{ background-color: rgb(252,  
135, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor