

Converting Colors

XYZ(54.4821, 40.4380, 25.9083)

Have a look what the booklet for
XYZ(54.4821, 40.4380, 25.9083)
contains.

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Color

**XYZ(53.9332, 40.1997,
26.0358)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8782
RGB	255, 135, 130
RGB Percent	100%, 53%, 51%
CMY	0.0000, 0.4706, 0.4902
CMYK	0.00, 0.47, 0.49, 0.00
HSL	2°, 100%, 75%
HSV	2°, 49%, 100%
XYZ	53.9332, 40.1997, 26.0358
YIQ	170.3100, 73.1250, 23.8850

Conversions

Conversions Part 2

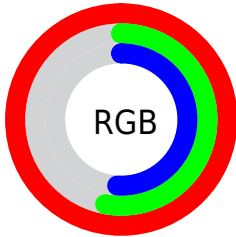
Format	Color
R _Y B	255, 135, 130
Decimal	16746370
CIE Lab	69.61, 44.93, 23.47
CIE LCh	70, 50.690, 27.581
Yxy	40.1997, 0.4488, 0.3345
Android (android.graphics.Color)	4294936450 (0xFFFF8782)
YUV	170.3100, -19.8728, 74.2731
Hunter-Lab	63.4032, 40.8832, 20.0355

Details

The XYZ color **53.9332, 40.1997, 26.0358** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.4393, 80.3325, 106.8748**, and the grayscale version is **38.4349, 40.4365, 44.0354**.

A 20% lighter version of the original color is **68.2007, 61.5058, 53.0770**, and **26.7506, 18.0980, 9.8679** is the 20% darker color. If you saturate the color by 10%, you get **49.3972, 33.5360, 17.1001**, and if you desaturate by 10%, it is **59.6803, 48.6072, 37.4680**.

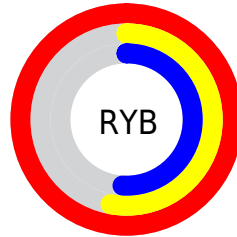
Distribution



Red (100%)

Green (53%)

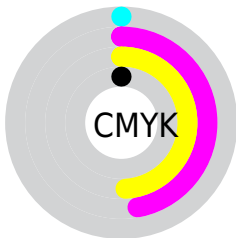
Blue (51%)



Red (100%)

Yellow (53%)

Blue (51%)

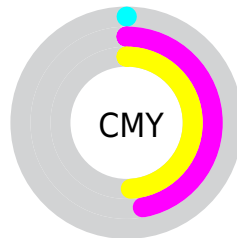


Cyan (0%)

Magenta (47%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (47%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9332, 40.1997, 26.0358 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 53.9332, 40.1997, 26.0358 by changing the saturation by 10% instead.


 53.9332, 40.1997,
26.0358


 53.9332, 40.1997,
26.0358


392.0577,
346.9646, 296.5688


 38.7787, 27.6943,
16.6244


 95.1336, 75.4675,
54.3175

 26.7676, 18.0953,
9.8080


 121.9103, 98.9987,
74.0249

 17.5344, 11.0185,
5.1679


 153.2917,
126.9739, 98.0013

 10.7139, 6.0792,
2.2856

189.6432,
159.7776, 126.6654

 5.9407, 2.8933,
0.7232

231.3303,
197.7941, 160.4357

 2.8494, 1.0763,
0.0000

278.7181,

 1.0746, 0.0000,

241.4078, 199.7307

0.0000

332.1722,
291.0032, 244.9689

■ 0.0037, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9332, 40.1997,
26.0358

■ 53.9332, 40.1997,
26.0358

■ 49.3972, 33.5360,
17.1001

■ 59.6803, 48.6072,
37.4680

■ 45.9830, 28.4881,
10.4725

■ 66.7136, 58.8626,
51.5620

■ 43.5935, 24.9205,
5.9414

■ 75.1055, 71.0688,
68.4712

■ 42.1139, 22.6727,
3.2553

■ 84.9222, 85.3198,
88.3370

■ 41.3926, 21.5435, 95.0498, 99.9999,
2.0485 108.9000

■ 41.3507, 21.4816,
1.9669

Harmonies

Analogous

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



56.1981, 40.1997, 45.7020



53.9332, 40.1997, 26.0358



47.2870, 40.1997, 15.6731

Triad

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



53.9332, 40.1997, 26.0358



26.3986, 40.1997, 23.7727



37.5478, 40.1997, 106.0515

Complementary

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



53.9332, 40.1997, 26.0358



61.4393, 80.3325, 106.8748

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.



30.3735, 40.1997, 93.9385



53.9332, 40.1997, 26.0358



24.5372, 40.1997, 41.8945

Square

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



53.9332, 40.1997, 26.0358



31.3722, 40.1997, 14.7327



25.8826, 40.1997, 68.1449



45.9723, 40.1997, 97.1415

Rectangle

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



53.9332, 40.1997, 26.0358



41.6960, 40.1997, 12.8501



25.8826, 40.1997, 68.1449



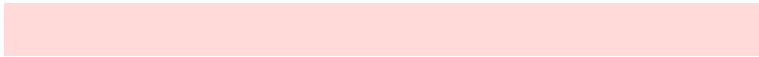
34.9213, 40.1997, 104.2309

Sweetspot

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



53.9342, 40.2018, 26.0365



78.8765, 76.5460, 76.0929



66.6088, 44.1799, 96.1456



16.4533, 15.7602, 15.4185



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.



53.9342, 40.2018, 26.0365



49.4051, 33.5473, 17.1150



65.1598, 62.6530, 29.7784



18.0677, 18.1036, 18.6864



21.6319, 11.2751, 1.0362



2.1258, 1.1371, 0.1074

Inverse Universe

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



61.4393, 80.3325, 106.8748



57.6905, 77.9311, 106.6093



45.3106, 48.0750, 101.4986



18.4888, 20.3493, 23.2033



26.4868, 37.8832, 55.3508



2.5976, 3.7258, 5.3955

Previews

White Background



This preview shows how the XYZ color 53.9332, 40.1997, 26.0358 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 53.9332, 40.1997, 26.0358 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 53.9332, 40.1997, 26.0358

Background



This preview shows how black text looks on a background with the XYZ color 53.9332, 40.1997, 26.0358.



This preview shows how white text looks on a background with the XYZ color 53.9332, 40.1997,

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

53.9332, 40.1997, 26.0358

Protanopia

38.2316, 40.4397, 33.3944

Deuteranopia

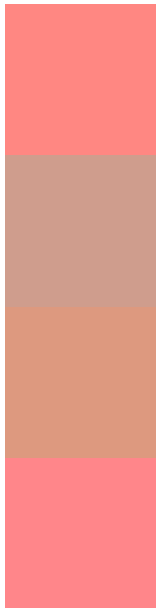
41.1560, 40.2316, 24.9984



Tritanopia

54.7230, 40.2934, 30.8798

Trichromacy



Original Color

53.9332, 40.1997, 26.0358

Protanomaly

42.5968, 39.3024, 30.5403

Deuteranomaly

45.0408, 39.6869, 25.3651

Tritanomaly

54.3525, 40.1452, 28.9289

Monochromacy



Original Color

53.9332, 40.1997, 26.0358

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

42.0608, 38.8980, 36.3016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9332, 40.1997, 26.0358 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 130) }
```

Border

The CSS property to change the border of an element to XYZ 53.9332, 40.1997, 26.0358 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, 130) }
```


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

```
.border{ border-color:rgb(255, 135, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9332, 40.1997, 26.0358 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, 130) }
```

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

```
.background{ background-color: rgb(255,  
135, 130) }
```

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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