

Converting Colors

XYZ(53.7804, 40.8191, 23.1327)

Have a look what the booklet for
XYZ(53.7804, 40.8191, 23.1327)
contains.

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Color

**XYZ(53.7797, 40.8174,
23.1332)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8A79
RGB	255, 138, 121
RGB Percent	100%, 54%, 47%
CMY	0.0000, 0.4588, 0.5255
CMYK	0.00, 0.46, 0.53, 0.00
HSL	8°, 100%, 74%
HSV	8°, 53%, 100%
XYZ	53.7797, 40.8174, 23.1332
YIQ	171.0450, 75.1890, 19.5170

Conversions

Conversions Part 2

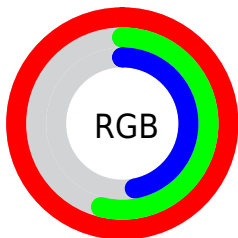
Format	Color
R_{YB}	255, 140, 121
Decimal	16747129
CIE Lab	70.05, 42.66, 29.02
CIE LCh	70, 51.590, 34.226
Yxy	40.8174, 0.4568, 0.3467
Android (android.graphics.Color)	4294937209 (0xFFFF8A79)
YUV	171.0450, -24.6722, 73.6285
Hunter-Lab	63.8885, 38.4519, 23.2538

Details

The XYZ color **53.7797, 40.8174, 23.1332** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.5080, 72.4304, 105.6097**, and the grayscale version is **38.8260, 40.8479, 44.4834**.

A 20% lighter version of the original color is **67.9499, 62.4559, 48.5182**, and **26.6663, 18.4342, 8.2836** is the 20% darker color. If you saturate the color by 10%, you get **49.5442, 34.5271, 14.9994**, and if you desaturate by 10%, it is **59.0851, 48.5866, 33.6630**.

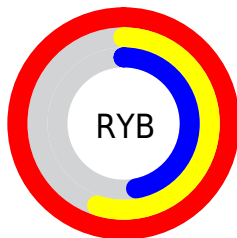
Distribution



Red (100%)

Green (54%)

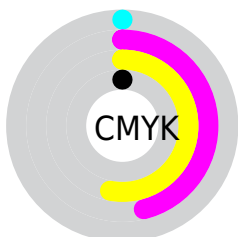
Blue (47%)



Red (100%)

Yellow (55%)

Blue (47%)

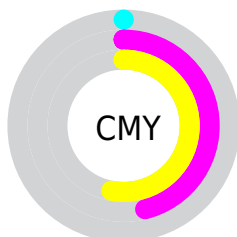


Cyan (0%)

Magenta (46%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (46%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7797, 40.8174, 23.1332 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 53.7797, 40.8174, 23.1332 by changing the saturation by 10% instead.


 53.7797, 40.8174,
23.1332


 53.7797, 40.8174,
23.1332


391.4815,
349.5569, 281.5525


 38.6555, 28.1764,
14.4857


 94.9095, 76.4066,
49.5379

 26.6714, 18.4587,
8.3166


 121.6458,
100.1237, 68.1322

 17.4619, 11.2798,
4.2075


 152.9836,
128.3015, 90.8791

 10.6617, 6.2554,
1.7399

189.2882,
161.3246, 118.1972

 5.9054, 3.0010,
0.3879

230.9249,
199.5773, 150.5051

 2.8278, 1.1322,
0.0000

278.2591,

 1.0634, 0.0053,

243.4439, 188.2212

0.0000

331.6562,
293.3090, 231.7641

■ 0.0000, 0.0000,
0.0000

■ 53.7797, 40.8174,
23.1332

■ 53.7797, 40.8174,
23.1332

■ 49.5442, 34.5271,
14.9994

■ 59.0851, 48.5866,
33.6630

■ 46.3020, 29.6154,
9.0705

■ 65.5241, 57.9139,
46.7553

■ 43.9710, 25.9796,
5.1296

■ 73.1586, 68.8805,
62.5643

■ 42.4538, 23.4996,
2.9145

■ 82.0454, 81.5599,
81.2312

■ 41.7662, 22.3126,
2.1054

■ 92.2375, 96.0214,
102.8876

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



57.2840, 40.8174, 41.1133



53.7797, 40.8174, 23.1332



46.2694, 40.8174, 14.4011

Triad

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



53.7797, 40.8174, 23.1332



25.9670, 40.8174, 27.1778



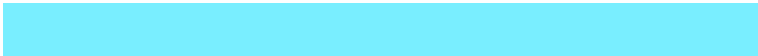
40.0010, 40.8174, 108.5704

Complementary

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



53.7797, 40.8174, 23.1332



56.5080, 72.4304, 105.6097

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.



32.1735, 40.8174, 100.6343



53.7797, 40.8174, 23.1332



24.7867, 40.8174, 47.9483

Square

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



53.7797, 40.8174, 23.1332



30.3838, 40.8174, 16.0739



26.8906, 40.8174, 75.9545



48.6324, 40.8174, 94.8569

Rectangle

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



53.7797, 40.8174, 23.1332



40.4473, 40.8174, 12.4332



26.8906, 40.8174, 75.9545



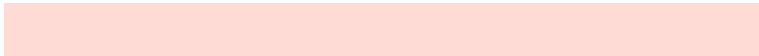
37.1897, 40.8174, 108.3725

Sweetspot

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



53.7807, 40.8195, 23.1339



78.8334, 76.9858, 74.4571



63.7116, 41.1887, 86.5378



16.4792, 15.9156, 15.1079



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.



53.7807, 40.8195, 23.1339



49.3771, 34.2764, 14.6857



66.1971, 65.6522, 27.2727



18.1951, 18.3584, 18.7289



21.8811, 11.7734, 1.1192



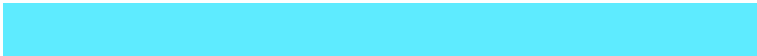
2.1859, 1.2573, 0.1275

Inverse Universe

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



56.5080, 72.4304, 105.6097



52.2993, 68.8126, 105.1334



40.7578, 40.9301, 100.3597



18.3466, 20.0648, 23.1559



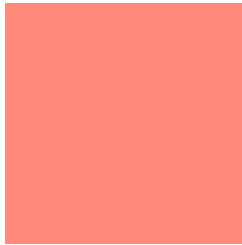
23.2462, 31.4019, 54.2706



2.3160, 3.1628, 5.3017

Previews

White Background



This preview shows how the XYZ color 53.7797, 40.8174, 23.1332 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 53.7797, 40.8174, 23.1332 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 53.7797, 40.8174, 23.1332

Background



This preview shows how black text looks on a background with the XYZ color 53.7797, 40.8174, 23.1332.



This preview shows how white text looks on a background with the XYZ color 53.7797, 40.8174,

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

53.7797, 40.8174, 23.1332

Protanopia

38.5353, 40.9707, 29.1697

Deuteranopia

41.6047, 40.7910, 22.2036



Tritanopia

55.1550, 40.9127, 31.7780

Trichromacy



Original Color

53.7797, 40.8174, 23.1332

Protanomaly

42.7894, 39.9903, 26.9364

Deuteranomaly

45.4228, 40.4387, 22.5509

Tritanomaly

54.6296, 40.9289, 28.3133

Monochromacy



Original Color

53.7797, 40.8174, 23.1332

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.5050, 39.6527, 35.5505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7797, 40.8174, 23.1332 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, 138, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 121)  
}
```

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, 138, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 121) }
```

Border

The CSS property to change the border of an element to XYZ 53.7797, 40.8174, 23.1332 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, 138, 121) }
```


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

```
.border{ border-color:rgb(255, 138, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 138, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 138, 121); box-shadow:4px 4px 4px 4px rgb(255, 138, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7797, 40.8174, 23.1332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 121) }
```

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

```
.background{ background-color: rgb(255,  
138, 121) }
```

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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