

Converting Colors

XYZ(57.6609, 42.5734, 19.9256)

Have a look what the booklet for
XYZ(57.6609, 42.5734, 19.9256)
contains.

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Color

**XYZ(53.0001, 40.2771,
19.7327)**

Conversions

Conversions Part 1

Format	Color
Hex	FF896E
RGB	255, 137, 110
RGB Percent	100%, 54%, 43%
CMY	0.0000, 0.4627, 0.5686
CMYK	0.00, 0.46, 0.57, 0.00
HSL	11°, 100%, 72%
HSV	11°, 57%, 100%
XYZ	53.0001, 40.2771, 19.7327
YIQ	169.2040, 78.9950, 16.6190

Conversions

Conversions Part 2

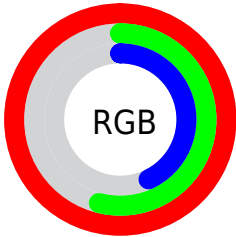
Format	Color
R _{YB}	255, 143, 110
Decimal	16746862
CIE Lab	69.67, 42.29, 34.52
CIE LCh	70, 54.592, 39.222
Yxy	40.2771, 0.4690, 0.3564
Android (android.graphics.Color)	4294936942 (0xFFFF896E)
YUV	169.2040, -29.1876, 75.2431
Hunter-Lab	63.4642, 38.0061, 25.9902

Details

The XYZ color **53.0001, 40.2771, 19.7327** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.2219, 66.0180, 104.5976**, and the grayscale version is **37.9268, 39.9020, 43.4532**.

A 20% lighter version of the original color is **66.6112, 61.5679, 42.5554**, and **26.2880, 18.1578, 6.6767** is the 20% darker color. If you saturate the color by 10%, you get **49.1348, 34.4580, 12.5522**, and if you desaturate by 10%, it is **57.8340, 47.3946, 29.2070**.

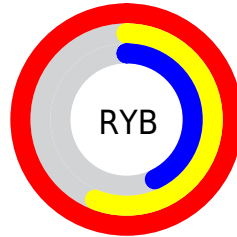
Distribution



Red (100%)

Green (54%)

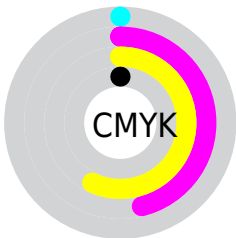
Blue (43%)



Red (100%)

Yellow (56%)

Blue (43%)

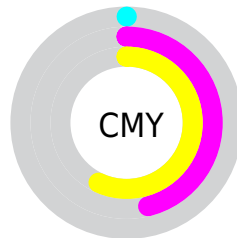


Cyan (0%)

Magenta (46%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0001, 40.2771, 19.7327 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 53.0001, 40.2771, 19.7327 by changing the saturation by 10% instead.


 53.0001, 40.2771,
19.7327


 53.0001, 40.2771,
19.7327


388.5464,
347.2901, 263.0206


 38.0303, 27.7547,
12.0187

 93.7700, 75.5853,
43.8216


 26.1835, 18.1408,
6.6338


 120.3009, 99.1398,
61.0337

 17.0944, 11.0511,
3.1592


 151.4162,
127.1405, 82.2489

 10.3975, 6.1012,
1.1765

 187.4813,
159.9718, 107.8858

 5.7276, 2.9067,
0.0000

228.8615,
198.0179, 138.3628

 2.7192, 1.0832,
0.0000

275.9221,

 1.0071, 0.0000,

241.6635, 174.0986

0.0000

329.0287,
291.2927, 215.5117

■ 0.0000, 0.0000,
0.0000

■ 53.0001, 40.2771,
19.7327

■ 53.0001, 40.2771,
19.7327

■ 49.1348, 34.4580,
12.5522

■ 57.8340, 47.3946,
29.2070

■ 46.1672, 29.8517,
7.4665

■ 63.6947, 55.8767,
41.1470

■ 44.0209, 26.3717,
4.2460

■ 70.6392, 65.7926,
55.7103

■ 42.6030, 23.9163,
2.6006

■ 78.7193, 77.2049,
73.0411

■ 42.2762, 23.3327,
2.2755

■ 87.9835, 90.1723,
93.2728

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



57.6068, 40.2771, 36.5140



53.0001, 40.2771, 19.7327



44.6268, 40.2771, 12.2915

Triad

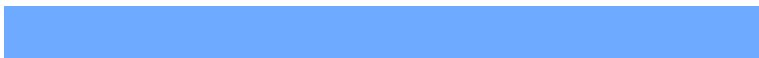
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.0001, 40.2771, 19.7327



24.5004, 40.2771, 28.7677



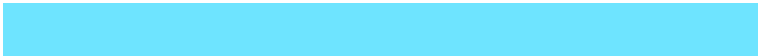
41.0684, 40.2771, 111.4951

Complementary

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



53.0001, 40.2771, 19.7327



52.2219, 66.0180, 104.5976

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.



32.5693, 40.2771, 106.8413



53.0001, 40.2771, 19.7327



23.8491, 40.2771, 52.1192

Square

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



53.0001, 40.2771, 19.7327



28.5180, 40.2771, 15.9405



26.5774, 40.2771, 82.3502



50.0538, 40.2771, 93.3428

Rectangle

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



53.0001, 40.2771, 19.7327



38.5130, 40.2771, 10.9880



26.5774, 40.2771, 82.3502



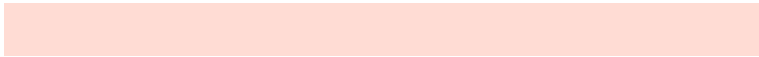
38.0522, 40.2771, 112.6617

Sweetspot

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



53.0011, 40.2792, 19.7334



78.6004, 77.0375, 72.7832



60.8773, 38.0366, 77.8354



16.4569, 15.9730, 14.7861



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.



53.0011, 40.2792, 19.7334



48.7534, 33.8744, 11.8719



66.8752, 68.0275, 24.3581



18.2830, 18.5342, 18.7582



22.1683, 12.3477, 1.2150



2.2281, 1.3415, 0.1415

Inverse Universe

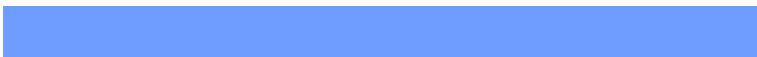
The Inverse Universe completely reimagines the original color for something new.



52.2219, 66.0180, 104.5976



47.8035, 61.6131, 103.9807



36.3551, 34.2842, 99.3086



18.2503, 19.8723, 23.1238



21.2578, 27.4252, 53.6078



2.1408, 2.8123, 5.2433

Previews

White Background



This preview shows how the XYZ color 53.0001, 40.2771, 19.7327 looks on a white background.

Color Contrast Check

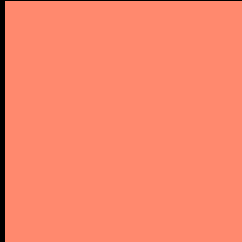
Large Text (above 18pt) WCAG AA × Fail

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 53.0001, 40.2771, 19.7327 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 53.0001, 40.2771, 19.7327

Background



This preview shows how black text looks on a background with the XYZ color 53.0001, 40.2771, 19.7327.



This preview shows how white text looks on a background with the XYZ color 53.0001, 40.2771,

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

53.0001, 40.2771, 19.7327

Protanopia

37.5413, 40.2720, 24.8634

Deuteranopia

41.1006, 40.3361, 18.9840



Tritanopia

54.7230, 40.2934, 30.8798

Trichromacy



Original Color

53.0001, 40.2771, 19.7327

Protanomaly

41.8511, 39.3409, 22.8405

Deuteranomaly

44.9499, 40.0200, 19.2654

Tritanomaly

54.0007, 40.2266, 26.3911

Monochromacy



Original Color

53.0001, 40.2771, 19.7327

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

41.2217, 38.5314, 33.2817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0001, 40.2771, 19.7327 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, 137, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 110)  
}
```

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, 137, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 110) }
```

Border

The CSS property to change the border of an element to XYZ 53.0001, 40.2771, 19.7327 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, 137, 110) }
```


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

```
.border{ border-color:rgb(255, 137, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0001, 40.2771, 19.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 110) }
```

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

```
.background{ background-color: rgb(255,  
137, 110) }
```

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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