

Converting Colors

XYZ(62.5446, 54.9386, 40.6383)

Have a look what the booklet for
XYZ(62.5446, 54.9386, 40.6383)
contains.

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Color

**XYZ(62.5753, 54.8650,
40.5496)**

Conversions

Conversions Part 1

Format	Color
Hex	FDB1A0
RGB	253, 177, 160
RGB Percent	99%, 69%, 63%
CMY	0.0078, 0.3059, 0.3725
CMYK	0.00, 0.30, 0.37, 0.01
HSL	11°, 96%, 81%
HSV	11°, 37%, 99%
XYZ	62.5753, 54.8650, 40.5496
YIQ	197.7860, 50.7530, 10.8250

Conversions

Conversions Part 2

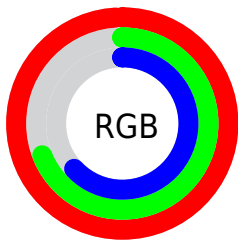
Format	Color
R _Y B	253, 181, 160
Decimal	16626080
CIE Lab	78.96, 25.64, 19.84
CIE LCh	79, 32.421, 37.725
Yxy	54.8650, 0.3961, 0.3473
Android (android.graphics.Color)	4294816160 (0xFFFD B1A0)
YUV	197.7860, -18.6285, 48.4227
Hunter-Lab	74.0709, 21.1732, 19.3917

Details

The XYZ color **62.5753, 54.8650, 40.5496** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.2210, 74.5534, 104.0393**, and the grayscale version is **53.6358, 56.4290, 61.4512**.

A 20% lighter version of the original color is **82.6447, 84.4441, 76.2335**, and **32.1626, 26.9673, 17.6974** is the 20% darker color. If you saturate the color by 10%, you get **56.8046, 46.5123, 28.7954**, and if you desaturate by 10%, it is **69.4179, 64.6404, 54.8840**.

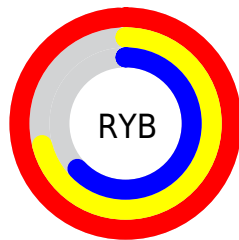
Distribution



Red (99%)

Green (69%)

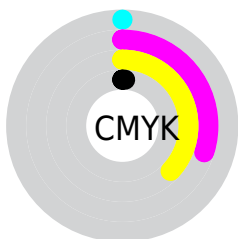
Blue (63%)



Red (99%)

Yellow (71%)

Blue (63%)

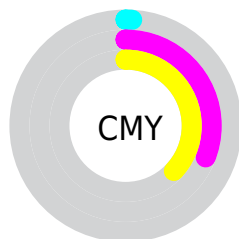


Cyan (0%)

Magenta (30%)

Yellow (37%)

Black (1%)



Cyan (1%)


Magenta (31%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5753, 54.8650, 40.5496 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 62.5753, 54.8650, 40.5496 by changing the saturation by 10% instead.


 62.5753, 54.8650,
40.5496


 62.5753, 54.8650,
40.5496


423.7107,
405.4000, 364.0554

 45.7551, 39.2936,
27.6503


 107.6418, 97.3431,
77.2459

 32.2564, 26.9882,
17.8255


 136.6188,
125.0187, 101.8800

 21.7139, 17.5644,
10.6566


170.3788,
157.4978, 131.2627

 13.7623, 10.6377,
5.7252

209.2871,
195.1648, 165.8127

 8.0361, 5.8238,
2.6126

253.7091,
238.4041, 205.9484

 4.1701, 2.7382,
0.8990

304.0101,

 1.7988, 0.9966,

287.6002, 252.0884

0.0000

360.5555,
343.1373, 304.6512

■ 0.5169, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5753, 54.8650,
40.5496

■ 62.5753, 54.8650,
40.5496

■ 56.8046, 46.5123,
28.7954

■ 69.4179, 64.6404,
54.8840

■ 52.0462, 39.5079,
19.4642

■ 77.3793, 75.8925,
71.9367

■ 48.2413, 33.7824,
12.3864

■ 86.5086, 88.6824,
91.8397

■ 45.3227, 29.2573,
7.3692

94.3180, 99.6226,
108.8657

■ 43.2142, 25.8446,
4.1868

■ 41.8244, 23.4435,
2.5562

■ 41.4953, 22.8572,
2.2248

Harmonies

Analogous

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



65.4152, 54.8650, 55.0945



62.5753, 54.8650, 40.5496



56.9869, 54.8650, 32.5494

Triad

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



62.5753, 54.8650, 40.5496



41.5010, 54.8650, 47.2713



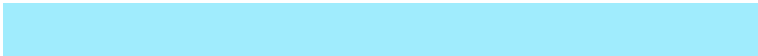
53.8309, 54.8650, 102.2554

Complementary

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



62.5753, 54.8650, 40.5496



62.2210, 74.5534, 104.0393

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.



47.5902, 54.8650, 98.9626



62.5753, 54.8650, 40.5496



40.8073, 54.8650, 64.6367

Square

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



62.5753, 54.8650, 40.5496



44.9273, 54.8650, 35.8363



42.9478, 54.8650, 84.1893



60.1027, 54.8650, 92.4335

Rectangle

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



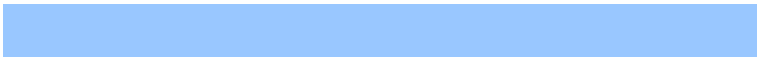
62.5753, 54.8650, 40.5496



52.6410, 54.8650, 30.8325



42.9478, 54.8650, 84.1893



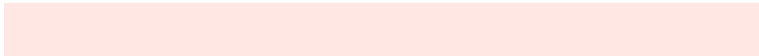
51.6571, 54.8650, 102.6768

Sweetspot

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



62.5767, 54.8676, 40.5507



83.9771, 84.5611, 84.5327



68.4383, 52.1684, 86.9669



17.7045, 17.7212, 17.5047



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.



62.5767, 54.8676, 40.5507



59.3362, 49.5440, 32.3428



72.9747, 75.6635, 44.0167



18.2780, 18.5241, 18.7565



22.1490, 12.3092, 1.2085



2.2255, 1.3363, 0.1406

Inverse Universe

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



62.2210, 74.5534, 104.0393



58.9038, 72.1632, 105.4321



50.8581, 51.8276, 100.2517



18.2558, 19.8832, 23.1256



21.3668, 27.6433, 53.6441



2.1505, 2.8316, 5.2465

Previews

White Background



This preview shows how the XYZ color 62.5753, 54.8650, 40.5496 looks on a white background.

Color Contrast Check

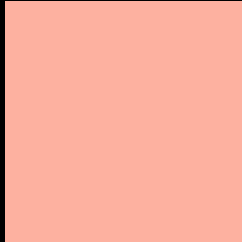
Large Text (above 18pt) WCAG AA × Fail

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 62.5753, 54.8650, 40.5496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

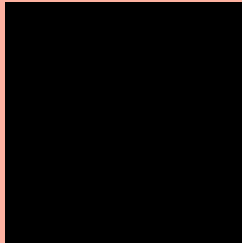
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5753, 54.8650, 40.5496

Background



This preview shows how black text looks on a background with the XYZ color 62.5753, 54.8650, 40.5496.



This preview shows how white text looks on a background with the XYZ color 62.5753, 54.8650,

40.5496.

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

62.5753, 54.8650, 40.5496

Protanopia

52.1301, 55.0166, 45.4078

Deuteranopia

56.1497, 54.9290, 39.9907



Tritanopia

65.0465, 54.6923, 53.5827

Trichromacy



Original Color

62.5753, 54.8650, 40.5496

Protanomaly

55.2976, 54.4076, 43.6636

Deuteranomaly

58.3236, 54.7887, 40.3022

Tritanomaly

63.9449, 54.5173, 48.7476

Monochromacy



Original Color

62.5753, 54.8650, 40.5496

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.9786, 55.1930, 53.0503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5753, 54.8650, 40.5496 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(253, 177, 160)` looks like.

```
.text, #text, p{  
    color:rgb(253, 177, 160)  
}
```

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(253, 177, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 177, 160) }
```

Border

The CSS property to change the border of an element to XYZ 62.5753, 54.8650, 40.5496 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(253, 177, 160) }
```


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

```
.border{ border-color:rgb(253, 177, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 177, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 177, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 177, 160);  
box-shadow:4px 4px 4px 4px rgb(253, 177,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5753, 54.8650, 40.5496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 177, 160) }
```

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

```
.background{ background-color: rgb(253,  
177, 160) }
```

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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