

Converting Colors

XYZ(63.1826, 53.7147, 44.4825)

Have a look what the booklet for
XYZ(63.1826, 53.7147, 44.4825)
contains.

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Color

**XYZ(63.1540, 53.6296,
44.5591)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACA9
RGB	255, 172, 169
RGB Percent	100%, 67%, 66%
CMY	0.0000, 0.3255, 0.3372
CMYK	0.00, 0.33, 0.34, 0.00
HSL	2°, 100%, 83%
HSV	2°, 34%, 100%
XYZ	63.1540, 53.6296, 44.5591
YIQ	196.4750, 50.4310, 16.6630

Conversions

Conversions Part 2

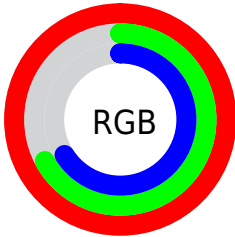
Format	Color
R _Y B	255, 172, 169
Decimal	16755881
CIE Lab	78.25, 30.08, 14.00
CIE LCh	78, 33.177, 24.969
Yxy	53.6296, 0.3914, 0.3324
Android (android.graphics.Color)	4294945961 (0xFFFFACA9)
YUV	196.4750, -13.5452, 51.3264
Hunter-Lab	73.2322, 25.7784, 15.1868

Details

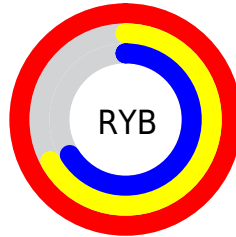
The XYZ color **63.1540, 53.6296, 44.5591** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.2213, 85.2727, 107.4187**, and the grayscale version is **52.8135, 55.5639, 60.5091**.

A 20% lighter version of the original color is **82.4379, 82.1286, 82.0285**, and **32.5727, 26.2138, 20.1726** is the 20% darker color. If you saturate the color by 10%, you get **56.7316, 44.2497, 31.7371**, and if you desaturate by 10%, it is **70.9130, 64.9357, 60.1309**.

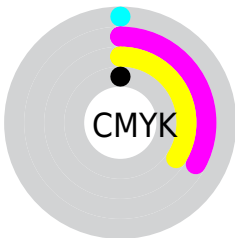
Distribution



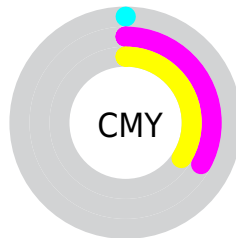
- Red (100%)
- Green (67%)
- Blue (66%)



- Red (100%)
- Yellow (67%)
- Blue (66%)



- Cyan (0%)
- Magenta (33%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1540, 53.6296, 44.5591 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 63.1540, 53.6296, 44.5591 by changing the saturation by 10% instead.

63.1540, 53.6296,
44.5591

63.1540, 53.6296,
44.5591

425.7790,
400.6960, 381.0929

46.2249, 38.3056,
30.7699

108.4722, 95.5302,
83.3698

32.6287, 26.2200,
20.1667

137.5921,
122.8756, 109.2284

22.0000, 16.9883,
12.3310

171.5062,
154.9969, 139.9472

13.9735, 10.2261,
6.8442

210.5800,
192.2785, 175.9447

8.1838, 5.5491,
3.2879

255.1789,
235.1048, 217.6395

4.2656, 2.5729,
1.2435

305.6680,

1.8535, 0.9131,

283.8602, 265.4501

0.0148

362.4130,
338.9292, 319.7950

■ 0.5496, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1540, 53.6296,
44.5591

■ 63.1540, 53.6296,
44.5591

■ 56.7316, 44.2497,
31.7371

■ 70.9130, 64.9357,
60.1309

■ 51.5669, 36.6816,
21.5023

■ 80.0742, 78.2588,
78.5962

■ 47.5783, 30.8105,
13.6799

■ 90.7032, 93.6934,
100.0921

■ 44.6734, 26.5057,
8.0720

95.0500, 100.0000,
108.9000

■ 42.7458, 23.6171,
4.4496

■ 41.6675, 21.9653,
2.5339

■ 41.3367, 21.4534,
1.9622

Harmonies

Analogous

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



64.4538, 53.6296, 61.5868



63.1540, 53.6296, 44.5591



58.4836, 53.6296, 33.7293

Triad

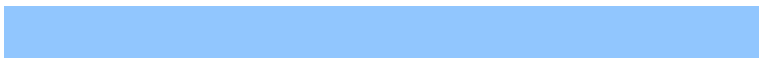
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.1540, 53.6296, 44.5591



41.4155, 53.6296, 40.1744



49.8859, 53.6296, 101.7612

Complementary

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



63.1540, 53.6296, 44.5591



69.2213, 85.2727, 107.4187

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.



44.1352, 53.6296, 92.8508



63.1540, 53.6296, 44.5591



39.5171, 53.6296, 55.3125

Square

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



63.1540, 53.6296, 44.5591



45.8811, 53.6296, 31.6001



40.4691, 53.6296, 74.8305



56.4291, 53.6296, 97.1900

Rectangle

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



63.1540, 53.6296, 44.5591



54.2814, 53.6296, 30.2137



40.4691, 53.6296, 74.8305



47.8025, 53.6296, 100.1966

Sweetspot

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



63.1553, 53.6321, 44.5602



83.8586, 83.7567, 86.2421



73.0200, 56.6732, 99.2968



17.6384, 17.4760, 17.8312



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.



63.1553, 53.6321, 44.5602



58.9732, 47.5267, 36.2023



72.6682, 72.6579, 47.7311



18.0603, 18.0887, 18.6839



21.6213, 11.2539, 1.0326



2.1223, 1.1300, 0.1063

Inverse Universe

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



69.2213, 85.2727, 107.4187



65.8203, 83.2592, 107.2093



57.2458, 61.3219, 103.4269



18.4972, 20.3661, 23.2061



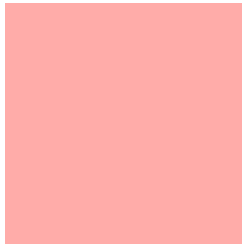
26.6900, 38.2896, 55.4185



2.6151, 3.7608, 5.4014

Previews

White Background



This preview shows how the XYZ color 63.1540, 53.6296, 44.5591 looks on a white background.

Color Contrast Check

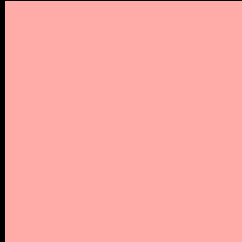
Large Text (above 18pt) WCAG AA × Fail

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 63.1540, 53.6296, 44.5591 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 63.1540, 53.6296, 44.5591

Background



This preview shows how black text looks on a background with the XYZ color 63.1540, 53.6296, 44.5591.



This preview shows how white text looks on a background with the XYZ color 63.1540, 53.6296,

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

63.1540, 53.6296, 44.5591

Protanopia

51.3956, 53.8527, 50.8658

Deuteranopia

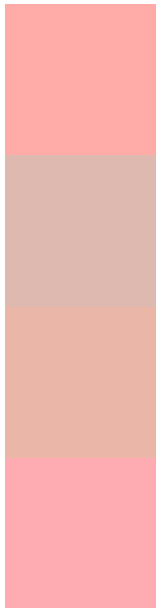
54.7775, 53.8234, 43.5783



Tritanopia

64.3502, 53.8047, 51.7935

Trichromacy



Original Color

63.1540, 53.6296, 44.5591

Protanomaly

55.0042, 53.2047, 48.4448

Deuteranomaly

57.6347, 53.7383, 43.8941

Tritanomaly

63.8388, 53.6002, 49.1007

Monochromacy



Original Color

63.1540, 53.6296, 44.5591

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

55.2485, 53.8375, 53.9341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1540, 53.6296, 44.5591 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, 172, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 169)  
}
```

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, 172, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 169) }
```

Border

The CSS property to change the border of an element to XYZ 63.1540, 53.6296, 44.5591 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, 172, 169) }
```


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

```
.border{ border-color:rgb(255, 172, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1540, 53.6296, 44.5591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 169) }
```

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

```
.background{ background-color: rgb(255,  
172, 169) }
```

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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