

Converting Colors

XYZ(62.8906, 53.9549, 41.8447)

Have a look what the booklet for
XYZ(62.8906, 53.9549, 41.8447)
contains.

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Color

**XYZ(62.7944, 53.7915,
41.7235)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADA3
RGB	255, 173, 163
RGB Percent	100%, 68%, 64%
CMY	0.0000, 0.3215, 0.3608
CMYK	0.00, 0.32, 0.36, 0.00
HSL	7°, 100%, 82%
HSV	7°, 36%, 100%
XYZ	62.7944, 53.7915, 41.7235
YIQ	196.3780, 52.0820, 14.2740

Conversions

Conversions Part 2

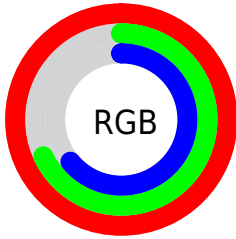
Format	Color
R _Y B	255, 174, 163
Decimal	16756131
CIE Lab	78.34, 28.84, 17.39
CIE LCh	78, 33.674, 31.087
Yxy	53.7915, 0.3967, 0.3398
Android (android.graphics.Color)	4294946211 (0xFFFFADA3)
YUV	196.3780, -16.4554, 51.4115
Hunter-Lab	73.3427, 24.4781, 17.6107

Details

The XYZ color **62.7944, 53.7915, 41.7235** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.8052, 80.3081, 106.6404**, and the grayscale version is **52.7714, 55.5197, 60.4609**.

A 20% lighter version of the original color is **81.9142, 82.3606, 77.9095**, and **32.3507, 26.3164, 18.4134** is the 20% darker color. If you saturate the color by 10%, you get **56.7425, 44.9827, 29.5478**, and if you desaturate by 10%, it is **70.0511, 64.2722, 56.5745**.

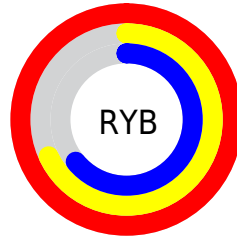
Distribution



Red (100%)

Green (68%)

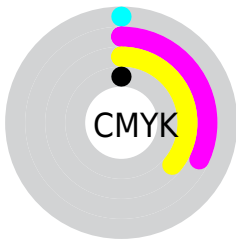
Blue (64%)



Red (100%)

Yellow (68%)

Blue (64%)

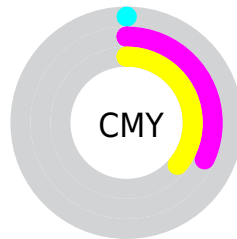


Cyan (0%)

Magenta (32%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7944, 53.7915, 41.7235 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 62.7944, 53.7915, 41.7235 by changing the saturation by 10% instead.

 62.7944, 53.7915,
41.7235


 62.7944, 53.7915,
41.7235


424.4945,
401.3144, 369.1013

 45.9329, 38.4350,
28.5609


 107.9563, 95.7680,
79.0465

 32.3973, 26.3205,
18.5062


 136.9875,
123.1569, 104.0441

 21.8222, 17.0635,
11.1408


170.8059,
155.3253, 133.8236

 13.8421, 10.2798,
6.0463

209.7769,
192.6576, 168.8038

 8.0919, 5.5849,
2.8040

254.2660,
235.5383, 209.4031

 4.2061, 2.5943,
0.9954

304.6383,

 1.8194, 0.9238,

284.3517, 256.0401

0.0000

361.2594,
339.4823, 309.1333

■ 0.5293, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7944, 53.7915,
41.7235

■ 62.7944, 53.7915,
41.7235

■ 56.7425, 44.9827,
29.5478

■ 70.0511, 64.2722,
56.5745

■ 51.8257, 37.7519,
19.8850

■ 78.5686, 76.4969,
74.2436

■ 47.9739, 32.0078,
12.5600

■ 88.4048, 90.5429,
94.8673

■ 45.1071, 27.6466,
7.3740

95.0500, 100.0000,
108.9000

■ 43.1340, 24.5508,
4.0948

■ 41.9454, 22.5831,
2.4354

■ 41.6489, 22.0779,
2.0663

Harmonies

Analogous

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



64.9071, 53.7915, 57.8826



62.7944, 53.7915, 41.7235



57.5174, 53.7915, 32.1494

Triad

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



62.7944, 53.7915, 41.7235



40.7953, 53.7915, 42.6839



51.3685, 53.7915, 102.9876

Complementary

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



62.7944, 53.7915, 41.7235



65.8052, 80.3081, 106.6404

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.



45.2287, 53.7915, 96.5313



62.7944, 53.7915, 41.7235



39.4503, 53.7915, 59.2624

Square

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



62.7944, 53.7915, 41.7235



44.8453, 53.7915, 32.6141



41.0028, 53.7915, 79.4316



57.9699, 53.7915, 95.5719

Rectangle

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



62.7944, 53.7915, 41.7235



53.1206, 53.7915, 29.4815



41.0028, 53.7915, 79.4316



49.1844, 53.7915, 102.3584

Sweetspot

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



62.7958, 53.7941, 41.7246



83.3952, 83.3973, 84.3387



70.9413, 54.0964, 93.7306



17.5670, 17.4461, 17.4588



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.



62.7958, 53.7941, 41.7246



58.4814, 47.5223, 33.0202



72.9744, 74.1512, 45.1174



18.1684, 18.3049, 18.7200



21.8133, 11.6378, 1.0966



2.1734, 1.2321, 0.1233

Inverse Universe

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



65.8052, 80.3081, 106.6404



61.8618, 77.4176, 106.2904



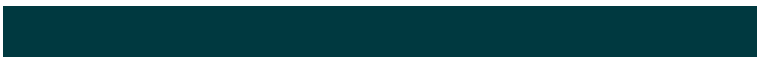
53.7627, 56.2230, 102.6262



18.3762, 20.1240, 23.1657



23.8908, 32.6912, 54.4854



2.3724, 3.2755, 5.3205

Previews

White Background



This preview shows how the XYZ color 62.7944, 53.7915, 41.7235 looks on a white background.

Color Contrast Check

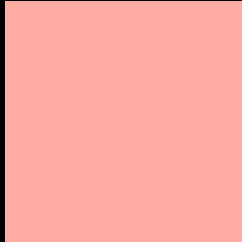
Large Text (above 18pt) WCAG AA × Fail

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 62.7944, 53.7915, 41.7235 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 62.7944, 53.7915, 41.7235

Background



This preview shows how black text looks on a background with the XYZ color 62.7944, 53.7915, 41.7235.



This preview shows how white text looks on a background with the XYZ color 62.7944, 53.7915,

41.7235.

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

62.7944, 53.7915, 41.7235

Protanopia

51.4632, 54.2972, 47.3032

Deuteranopia

55.1668, 54.0863, 40.7898



Tritanopia

64.3502, 53.8047, 51.7935

Trichromacy



Original Color

62.7944, 53.7915, 41.7235

Protanomaly

54.8445, 53.5120, 44.9743

Deuteranomaly

57.7530, 53.8620, 41.0707

Tritanomaly

63.8290, 53.8996, 48.1138

Monochromacy



Original Color

62.7944, 53.7915, 41.7235

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

55.2502, 54.1788, 52.8930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7944, 53.7915, 41.7235 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, 173, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 163)  
}
```

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, 173, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 163) }
```

Border

The CSS property to change the border of an element to XYZ 62.7944, 53.7915, 41.7235 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, 173, 163) }
```


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

```
.border{ border-color:rgb(255, 173, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7944, 53.7915, 41.7235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 163) }
```

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

```
.background{ background-color: rgb(255,  
173, 163) }
```

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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