

Converting Colors

XYZ(63.2515, 53.9743, 44.1302)

Have a look what the booklet for
XYZ(63.2515, 53.9743, 44.1302)
contains.

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Color

**XYZ(63.2515, 53.9743,
44.1302)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADA8
RGB	255, 173, 168
RGB Percent	100%, 68%, 66%
CMY	0.0000, 0.3215, 0.3412
CMYK	0.00, 0.32, 0.34, 0.00
HSL	3°, 100%, 83%
HSV	3°, 34%, 100%
XYZ	63.2515, 53.9743, 44.1302
YIQ	196.9480, 50.4770, 15.8290

Conversions

Conversions Part 2

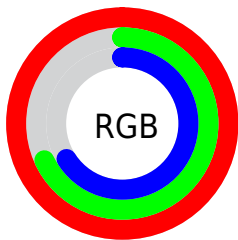
Format	Color
R _Y B	255, 173, 168
Decimal	16756136
CIE Lab	78.45, 29.43, 14.83
CIE LCh	78, 32.957, 26.742
Yxy	53.9743, 0.3920, 0.3345
Android (android.graphics.Color)	4294946216 (0xFFFFADA8)
YUV	196.9480, -14.2714, 50.9116
Hunter-Lab	73.4672, 25.1118, 15.8128

Details

The XYZ color **63.2515, 53.9743, 44.1302** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.3828, 83.9130, 107.2004**, and the grayscale version is **53.1029, 55.8683, 60.8406**.

A 20% lighter version of the original color is **82.5786, 82.6263, 81.4082**, and **32.6338, 26.4297, 19.9044** is the 20% darker color. If you saturate the color by 10%, you get **56.9035, 44.7146, 31.4206**, and if you desaturate by 10%, it is **70.8969, 65.0831, 59.5715**.

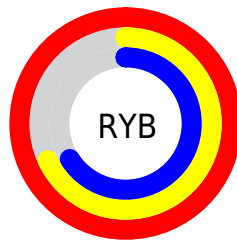
Distribution



Red (100%)

Green (68%)

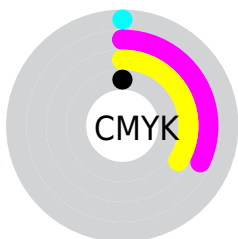
Blue (66%)



Red (100%)

Yellow (68%)

Blue (66%)

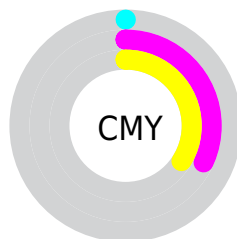


Cyan (0%)

Magenta (32%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2515, 53.9743, 44.1302 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 63.2515, 53.9743, 44.1302 by changing the saturation by 10% instead.


 63.2515, 53.9743,
44.1302


 63.2515, 53.9743,
44.1302


426.1268,
402.0120, 379.2962

 46.3041, 38.5811,
30.4349


 108.6120, 96.0365,
82.7182

 32.6915, 26.4340,
19.9141

 137.7559,
123.4743, 108.4480

 22.0483, 17.1486,
12.1492


171.6960,
155.6958, 139.0264

 14.0092, 10.3405,
6.7216

210.7976,
193.0853, 174.8719

 8.2088, 5.6253,
3.2128

255.4262,
236.0273, 216.4031

 4.2818, 2.6186,
1.2043

305.9470,

 1.8628, 0.9360,

284.9062, 264.0386

0.0000

362.7254,
340.1063, 318.1967

■ 0.5550, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2515, 53.9743,
44.1302

■ 63.2515, 53.9743,
44.1302

■ 56.9035, 44.7146,
31.4206

■ 70.8969, 65.0831,
59.5715

■ 51.7771, 37.1966,
21.2808

■ 79.9020, 78.1257,
77.8873

■ 47.7948, 31.3135,
13.5364

■ 90.3297, 93.1908,
99.2144

■ 44.8685, 26.9436,
7.9903

95.0500, 100.0000,
108.9000

■ 42.8975, 23.9484,
4.4141

■ 41.7609, 22.1639,
2.5290

■ 41.4062, 21.5924,
1.9854

Harmonies

Analogous

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



64.7727, 53.9743, 60.8199



63.2515, 53.9743, 44.1302



58.4416, 53.9743, 33.6954

Triad

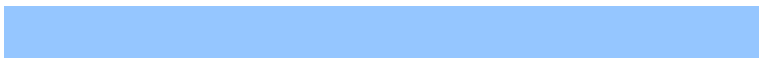
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.2515, 53.9743, 44.1302



41.5716, 53.9743, 41.2918



50.5962, 53.9743, 102.0774

Complementary

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



63.2515, 53.9743, 44.1302



68.3828, 83.9130, 107.2004

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.



44.7670, 53.9743, 93.9421



63.2515, 53.9743, 44.1302



39.8400, 53.9743, 56.7644

Square

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



63.2515, 53.9743, 44.1302



45.8962, 53.9743, 32.3153



40.9593, 53.9743, 76.3321



57.1142, 53.9743, 96.7415

Rectangle

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



63.2515, 53.9743, 44.1302



54.2116, 53.9743, 30.4298



40.9593, 53.9743, 76.3321



48.4964, 53.9743, 100.7920

Sweetspot

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



63.2528, 53.9769, 44.1313



84.0195, 84.0785, 86.2958



72.6004, 56.2088, 98.0008



17.6769, 17.5530, 17.8441



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.



63.2528, 53.9769, 44.1313



58.7480, 47.4098, 35.0992



72.8256, 73.1224, 47.3222



18.0932, 18.1546, 18.6949



21.6685, 11.3482, 1.0484



2.1379, 1.1612, 0.1115

Inverse Universe

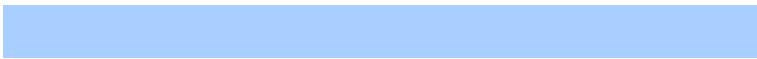
The Inverse Universe completely reimagines the original color for something new.



68.3828, 83.9130, 107.2004



64.5817, 81.4890, 106.9329



56.5481, 60.2437, 103.2555



18.4601, 20.2918, 23.1937



25.8027, 36.5150, 55.1227



2.5385, 3.6077, 5.3758

Previews

White Background



This preview shows how the XYZ color 63.2515, 53.9743, 44.1302 looks on a white background.

Color Contrast Check

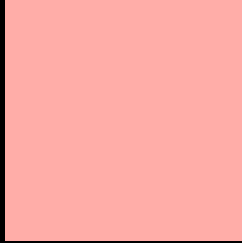
Large Text (above 18pt) WCAG AA × Fail

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 63.2515, 53.9743, 44.1302 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 63.2515, 53.9743, 44.1302

Background



This preview shows how black text looks on a background with the XYZ color 63.2515, 53.9743, 44.1302.



This preview shows how white text looks on a background with the XYZ color 63.2515, 53.9743,

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

63.2515, 53.9743, 44.1302

Protanopia

51.7856, 54.3948, 50.4177

Deuteranopia

55.3023, 54.1046, 43.1258



Tritanopia

64.4546, 53.8465, 52.3437

Trichromacy



Original Color

63.2515, 53.9743, 44.1302

Protanomaly

55.1156, 53.5851, 47.9955

Deuteranomaly

57.8718, 53.8712, 43.4244

Tritanomaly

64.0284, 53.9794, 49.1639

Monochromacy



Original Color

63.2515, 53.9743, 44.1302

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.7596, 54.4170, 54.0191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2515, 53.9743, 44.1302 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 168) }
```

Border

The CSS property to change the border of an element to XYZ 63.2515, 53.9743, 44.1302 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, 168) }
```


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

```
.border{ border-color:rgb(255, 173, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2515, 53.9743, 44.1302 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, 168) }
```

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

```
.background{ background-color: rgb(255,  
173, 168) }
```

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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