

Converting Colors

XYZ(88.8184, 66.1483, 44.8748)

Have a look what the booklet for
XYZ(88.8184, 66.1483, 44.8748)
contains.

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Color

**XYZ(62.4030, 52.4260,
43.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9A7
RGB	255, 169, 167
RGB Percent	100%, 66%, 65%
CMY	0.0000, 0.3372, 0.3451
CMYK	0.00, 0.34, 0.35, 0.00
HSL	1°, 100%, 83%
HSV	1°, 35%, 100%
XYZ	62.4030, 52.4260, 43.3894
YIQ	194.4860, 51.8980, 17.6100

Conversions

Conversions Part 2

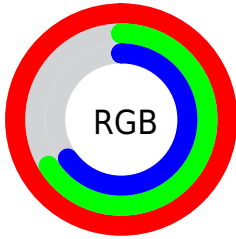
Format	Color
R _Y B	255, 169, 167
Decimal	16755111
CIE Lab	77.53, 31.40, 14.09
CIE LCh	78, 34.418, 24.167
Yxy	52.4260, 0.3944, 0.3314
Android (android.graphics.Color)	4294945191 (0xFFFFA9A7)
YUV	194.4860, -13.5506, 53.0708
Hunter-Lab	72.4058, 27.1302, 15.1543

Details

The XYZ color **62.4030, 52.4260, 43.3894** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.1101, 85.6826, 107.5036**, and the grayscale version is **51.6238, 54.3122, 59.1460**.

A 20% lighter version of the original color is **81.3500, 80.3844, 80.3354**, and **32.1049, 25.4643, 19.4427** is the 20% darker color. If you saturate the color by 10%, you get **56.0717, 43.1712, 30.7728**, and if you desaturate by 10%, it is **70.0853, 63.6385, 58.7504**.

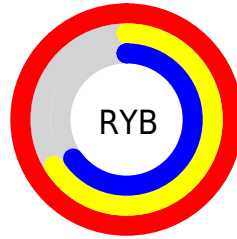
Distribution



Red (100%)

Green (66%)

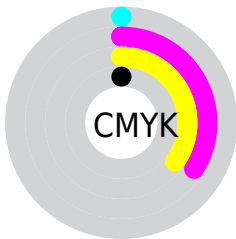
Blue (65%)



Red (100%)

Yellow (66%)

Blue (65%)

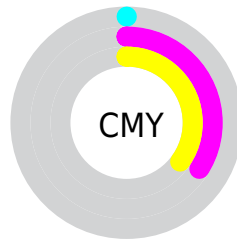


Cyan (0%)

Magenta (34%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4030, 52.4260, 43.3894 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 62.4030, 52.4260, 43.3894 by changing the saturation by 10% instead.


 62.4030, 52.4260,
43.3894


 62.4030, 52.4260,
43.3894


423.0938,
396.0790, 376.1789

 45.6152, 37.3447,
29.8571


 107.3944, 93.7592,
81.5908

 32.1456, 25.4745,
19.4790


 136.3288,
120.7799, 107.0970

 21.6289, 16.4309,
11.8366


170.0428,
152.5493, 137.4315

 13.6995, 9.8296,
6.5113

208.9017,
189.4516, 173.0130

 7.9923, 5.2861,
3.0846

253.2709,
231.8714, 214.2600

 4.1418, 2.4161,
1.1380

303.5157,

 1.7826, 0.8342,

280.1929, 261.5909

0.0000

360.0015,
334.8007, 315.4243

■ 0.5072, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4030, 52.4260,
43.3894

■ 62.4030, 52.4260,
43.3894

■ 56.0717, 43.1712,
30.7728

■ 70.0853, 63.6385,
58.7504

■ 51.0094, 35.7549,
20.7363

■ 79.1860, 76.9039,
77.0008

■ 47.1319, 30.0568,
13.1025

■ 89.7729, 92.3203,
98.2794

■ 44.3427, 25.9388,
7.6708

95.0500, 100.0000,
108.9000

■ 42.5307, 23.2421,
4.2078

■ 41.5606, 21.7743,
2.4279

■ 41.3031, 21.3862,
1.9510

Harmonies

Analogous

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



63.6337, 52.4260, 60.8786



62.4030, 52.4260, 43.3894



57.6800, 52.4260, 32.2833

Triad

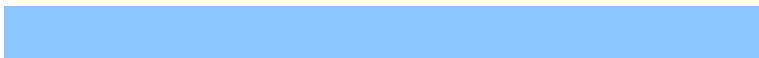
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.4030, 52.4260, 43.3894



40.1826, 52.4260, 38.2485



48.5436, 52.4260, 101.7086

Complementary

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



62.4030, 52.4260, 43.3894



69.1101, 85.6826, 107.5036

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.



42.7255, 52.4260, 92.1367



62.4030, 52.4260, 43.3894



38.1814, 52.4260, 53.4485

Square

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



62.4030, 52.4260, 43.3894



44.7852, 52.4260, 29.8091



39.0694, 52.4260, 73.3914



55.2387, 52.4260, 97.3428

Rectangle

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



62.4030, 52.4260, 43.3894



53.3929, 52.4260, 28.6465



39.0694, 52.4260, 73.3914



46.4280, 52.4260, 99.9589

Sweetspot

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



62.4044, 52.4285, 43.3904



83.7722, 83.5840, 86.2133



72.8736, 56.0237, 100.3474



17.6177, 17.4346, 17.8243



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.



62.4044, 52.4285, 43.3904



58.1452, 46.2043, 34.8983



71.8756, 71.3710, 46.5475



18.0426, 18.0533, 18.6780



21.5961, 11.2034, 1.0242



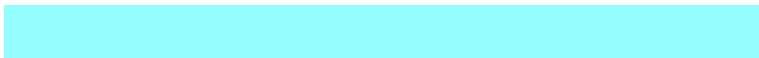
2.1139, 1.1132, 0.1034

Inverse Universe

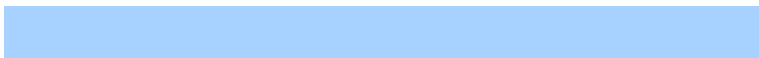
The Inverse Universe completely reimagines the original color for something new.



69.1101, 85.6826, 107.5036



65.7152, 83.7558, 107.3107



56.9183, 61.2990, 103.4397



18.5173, 20.4062, 23.2128



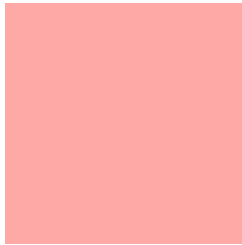
27.1787, 39.2670, 55.5814



2.6571, 3.8450, 5.4154

Previews

White Background



This preview shows how the XYZ color 62.4030, 52.4260, 43.3894 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 62.4030, 52.4260, 43.3894 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 62.4030, 52.4260, 43.3894

Background



This preview shows how black text looks on a background with the XYZ color 62.4030, 52.4260, 43.3894.



This preview shows how white text looks on a background with the XYZ color 62.4030, 52.4260,

43.3894.

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

62.4030, 52.4260, 43.3894

Protanopia

50.3207, 52.6584, 50.1597

Deuteranopia

53.5650, 52.5939, 42.4504



Tritanopia

63.4809, 52.5606, 49.9794

Trichromacy



Original Color

62.4030, 52.4260, 43.3894



Protanomaly

53.8848, 52.0222, 47.7587



Deuteranomaly

56.5159, 52.2804, 42.7097



Tritanomaly

62.9805, 52.3604, 47.3446

Monochromacy



Original Color

62.4030, 52.4260, 43.3894



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.3196, 52.7575, 52.6677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4030, 52.4260, 43.3894 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, 169, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 167)  
}
```

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, 169, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 167) }
```

Border

The CSS property to change the border of an element to XYZ 62.4030, 52.4260, 43.3894 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, 169, 167) }
```


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

```
.border{ border-color:rgb(255, 169, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4030, 52.4260, 43.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 167) }
```

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

```
.background{ background-color: rgb(255,  
169, 167) }
```

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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