

Converting Colors

XYZ(74.4919, 58.9556, 47.8166)

Have a look what the booklet for
XYZ(74.4919, 58.9556, 47.8166)
contains.

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Color

**XYZ(63.3526, 53.1046,
47.4686)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAAAF
RGB	255, 170, 175
RGB Percent	100%, 67%, 69%
CMY	0.0000, 0.3333, 0.3137
CMYK	0.00, 0.33, 0.31, 0.00
HSL	356°, 100%, 83%
HSV	356°, 33%, 100%
XYZ	63.3526, 53.1046, 47.4686
YIQ	195.9850, 49.0550, 19.5750

Conversions

Conversions Part 2

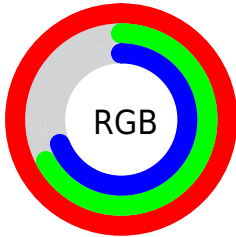
Format	Color
R _Y B	255, 170, 175
Decimal	16755375
CIE Lab	77.94, 31.86, 10.31
CIE LCh	78, 33.489, 17.928
Yxy	53.1046, 0.3865, 0.3240
Android (android.graphics.Color)	4294945455 (0xFFFFAAAF)
YUV	195.9850, -10.3456, 51.7562
Hunter-Lab	72.8729, 27.6527, 12.3902

Details

The XYZ color **63.3526, 53.1046, 47.4686** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.5951, 86.9692, 103.5656**, and the grayscale version is **52.5011, 55.2352, 60.1511**.

A 20% lighter version of the original color is **82.7193, 81.3659, 86.2083**, and **32.7014, 25.8884, 22.0123** is the 20% darker color. If you saturate the color by 10%, you get **56.8761, 43.5947, 34.6950**, and if you desaturate by 10%, it is **71.1779, 64.6413, 62.7600**.

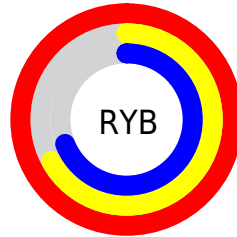
Distribution



Red (100%)

Green (67%)

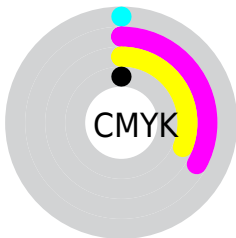
Blue (69%)



Red (100%)

Yellow (67%)

Blue (69%)

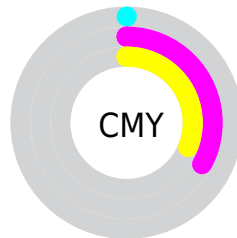


Cyan (0%)

Magenta (33%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3526, 53.1046, 47.4686 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 63.3526, 53.1046, 47.4686 by changing the saturation by 10% instead.


 63.3526, 53.1046,
47.4686

 63.3526, 53.1046,
47.4686


426.4874,
398.6863, 393.1297

 46.3862, 37.8863,
33.0493


 108.7570, 94.7583,
87.7700

 32.7566, 25.8944,
21.8928


137.9258,
121.9624, 114.4891

 22.0984, 16.7447,
13.5806


171.8927,
153.9306, 146.1452

 14.0462, 10.0526,
7.6941

211.0231,
191.0473, 183.1568

 8.2347, 5.4339,
3.8149

255.6825,
233.6968, 225.9426

 4.2986, 2.5040,
1.5244

306.2361,

 1.8724, 0.8786,

282.2635, 274.9209

0.2360

363.0492,
337.1319, 330.5105

■ 0.5607, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3526, 53.1046,
47.4686

■ 63.3526, 53.1046,
47.4686

■ 56.8761, 43.5947,
34.6950

■ 71.1779, 64.6413,
62.7600

■ 51.6683, 35.9875,
24.3011

■ 80.4180, 78.3043,
80.6908

■ 47.6470, 30.1571,
16.1407

■ 91.1394, 94.1959,
101.3783

■ 44.7186, 25.9595,
10.0500

95.0500, 100.0000,
108.9000

■ 42.7755, 23.2279,
5.8426

■ 41.6878, 21.7600,
3.2987

■ 41.3261, 21.2944,
2.3835

Harmonies

Analogous

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



63.7387, 53.1046, 65.6523



63.3526, 53.1046, 47.4686



59.3399, 53.1046, 35.0743

Triad

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



63.3526, 53.1046, 47.4686



41.7367, 53.1046, 36.9642



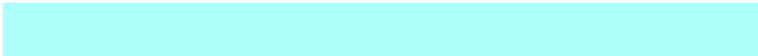
47.9001, 53.1046, 100.4670

Complementary

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



63.3526, 53.1046, 47.4686



69.5951, 86.9692, 103.5656

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.



42.5389, 53.1046, 88.7428



63.3526, 53.1046, 47.4686



39.1910, 53.1046, 50.6403

Square

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



63.3526, 53.1046, 47.4686



46.7164, 53.1046, 29.9690



39.4715, 53.1046, 69.5807



54.4286, 53.1046, 99.1024

Rectangle

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



63.3526, 53.1046, 47.4686



55.3283, 53.1046, 30.5449



39.4715, 53.1046, 69.5807



45.9129, 53.1046, 97.8375

Sweetspot

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



63.3539, 53.1071, 47.4696



83.8215, 83.3452, 87.2696



71.6120, 56.1730, 101.6759



17.6295, 17.3775, 18.0771



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.



63.3539, 53.1071, 47.4696



58.8887, 46.5455, 38.6786



70.7697, 68.7093, 47.5657



18.0526, 18.0044, 18.8944



21.6106, 11.1335, 1.3339



2.1187, 1.0898, 0.2063

Inverse Universe

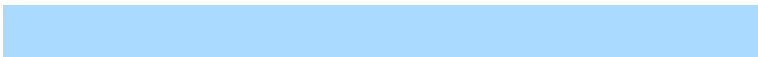
The Inverse Universe completely reimagines the original color for something new.



63.3539, 53.1071, 47.4696



58.8887, 46.5455, 38.6786



59.7444, 65.9976, 104.1977



18.0526, 18.0044, 18.8944



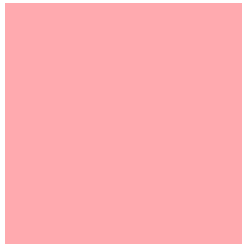
21.6106, 11.1335, 1.3339



2.1187, 1.0898, 0.2063

Previews

White Background



This preview shows how the XYZ color 63.3526, 53.1046, 47.4686 looks on a white background.

Color Contrast Check

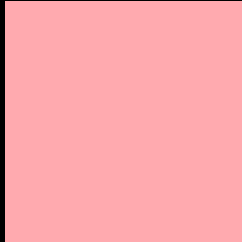
Large Text (above 18pt) WCAG AA × Fail

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 63.3526, 53.1046, 47.4686 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 63.3526, 53.1046, 47.4686

Background



This preview shows how black text looks on a background with the XYZ color 63.3526, 53.1046, 47.4686.



This preview shows how white text looks on a background with the XYZ color 63.3526, 53.1046,

47.4686.

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

63.3526, 53.1046, 47.4686

Protanopia

51.1080, 53.2929, 54.6066

Deuteranopia

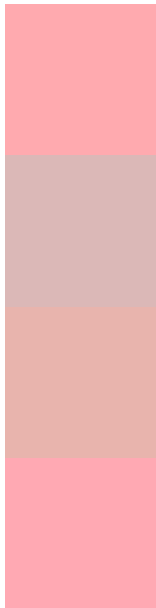
54.2187, 53.1564, 46.4323



Tritanopia

63.8715, 53.0133, 51.1222

Trichromacy



Original Color

63.3526, 53.1046, 47.4686

Protanomaly

54.9012, 52.7599, 52.0898

Deuteranomaly

57.1428, 52.8155, 46.7178

Tritanomaly

63.5647, 52.8906, 49.5065

Monochromacy



Original Color

63.3526, 53.1046, 47.4686

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

55.4627, 53.9232, 55.0620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3526, 53.1046, 47.4686 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, 170, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 175)  
}
```

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, 170, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 175) }
```

Border

The CSS property to change the border of an element to XYZ 63.3526, 53.1046, 47.4686 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, 170, 175) }
```


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

```
.border{ border-color:rgb(255, 170, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3526, 53.1046, 47.4686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 175) }
```

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

```
.background{ background-color: rgb(255,  
170, 175) }
```

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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