

Converting Colors

XYZ(63.0564, 53.2837, 44.9915)

Have a look what the booklet for
XYZ(63.0564, 53.2837, 44.9915)
contains.

XYZ(63.0586, 53.2881, 44.9923)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.0586, 53.2881,
44.9923)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABAA
RGB	255, 171, 170
RGB Percent	100%, 67%, 67%
CMY	0.0000, 0.3294, 0.3333
CMYK	0.00, 0.33, 0.33, 0.00
HSL	1°, 100%, 83%
HSV	1°, 33%, 100%
XYZ	63.0586, 53.2881, 44.9923
YIQ	196.0020, 50.3850, 17.4970

Conversions

Conversions Part 2

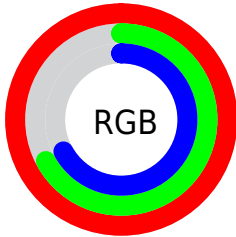
Format	Color
R _Y B	255, 171, 170
Decimal	16755626
CIE Lab	78.04, 30.72, 13.18
CIE LCh	78, 33.428, 23.220
Yxy	53.2881, 0.3908, 0.3303
Android (android.graphics.Color)	4294945706 (0xFFFFABAA)
YUV	196.0020, -12.8190, 51.7412
Hunter-Lab	72.9987, 26.4463, 14.5561

Details

The XYZ color **63.0586, 53.2881, 44.9923** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.0680, 86.6464, 107.6392**, and the grayscale version is **52.5251, 55.2605, 60.1787**.

A 20% lighter version of the original color is **82.2997, 81.6344, 82.6535**, and **32.5134, 26.0006, 20.4445** is the 20% darker color. If you saturate the color by 10%, you get **56.5618, 43.7877, 32.0576**, and if you desaturate by 10%, it is **70.9333, 64.7953, 60.6956**.

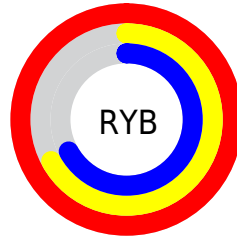
Distribution



Red (100%)

Green (67%)

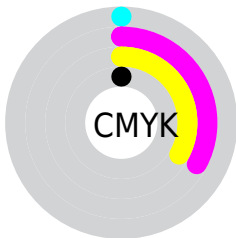
Blue (67%)



Red (100%)

Yellow (67%)

Blue (67%)

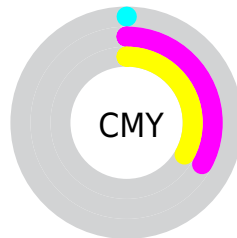


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0586, 53.2881, 44.9923 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 63.0586, 53.2881, 44.9923 by changing the saturation by 10% instead.


 63.0586, 53.2881,
44.9923

 63.0586, 53.2881,
44.9923


425.4384,
399.3895, 382.9016

 46.1474, 38.0328,
31.1085


 108.3354, 95.0282,
84.0272

 32.5673, 26.0082,
20.4223


137.4317,
122.2817, 110.0153

 21.9528, 16.8297,
12.5153


171.3205,
154.3035, 140.8753

 13.9386, 10.1132,
6.9688

210.3671,
191.4779, 177.0256

 8.1594, 5.4741,
3.3645

254.9368,
234.1893, 218.8849

 4.2498, 2.5280,
1.2836

305.3950,

 1.8444, 0.8906,

282.8221, 266.8716

0.0483

362.1071,
337.7607, 321.4043

■ 0.5442, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0586, 53.2881,
44.9923

■ 63.0586, 53.2881,
44.9923

■ 56.5618, 43.7877,
32.0576

■ 70.9333, 64.7953,
60.6956

■ 51.3599, 36.1720,
21.7281

■ 80.2544, 78.4067,
79.3117

■ 47.3674, 30.3180,
13.8281

■ 91.0907, 94.2229,
100.9786

■ 44.4869, 26.0844,
8.1591

95.0500, 100.0000,
108.9000

■ 42.6059, 23.3087,
4.4913

■ 41.5881, 21.7943,
2.5452

■ 41.2727, 21.3255,
1.9409

Harmonies

Analogous

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



64.1379, 53.2881, 62.3622



63.0586, 53.2881, 44.9923



58.5276, 53.2881, 33.7644

Triad

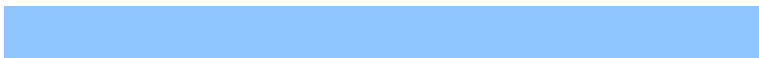
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.0586, 53.2881, 44.9923



41.2611, 53.2881, 39.0786



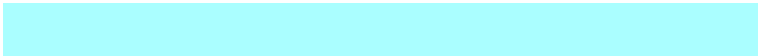
49.1838, 53.2881, 101.4488

Complementary

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



63.0586, 53.2881, 44.9923



70.0680, 86.6464, 107.6392

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.



43.5107, 53.2881, 91.7708



63.0586, 53.2881, 44.9923



39.1973, 53.2881, 53.8874

Square

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



63.0586, 53.2881, 44.9923



45.8675, 53.2881, 30.8967



39.9842, 53.2881, 73.3510



55.7512, 53.2881, 97.6429

Rectangle

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



63.0586, 53.2881, 44.9923



54.3530, 53.2881, 29.9997



39.9842, 53.2881, 73.3510



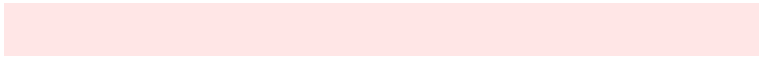
47.1168, 53.2881, 99.6067

Sweetspot

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



63.0600, 53.2907, 44.9933



83.6944, 83.4284, 86.1874



73.6650, 57.2299, 101.7717



17.5991, 17.3974, 17.8181



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.



63.0600, 53.2907, 44.9933



58.5795, 46.7393, 36.0711



72.1647, 71.5000, 48.0282



18.0266, 18.0214, 18.6727



21.5733, 11.1579, 1.0167



2.1063, 1.0980, 0.1009

Inverse Universe

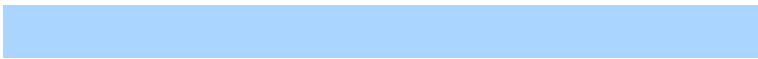
The Inverse Universe completely reimagines the original color for something new.



70.0680, 86.6464, 107.6392



66.5632, 84.7450, 107.4569



58.2967, 63.1039, 103.7154



18.5354, 20.4424, 23.2188



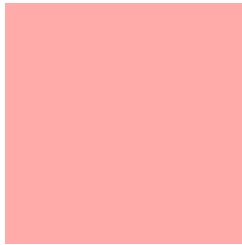
27.6265, 40.1626, 55.7307



2.6956, 3.9219, 5.4282

Previews

White Background



This preview shows how the XYZ color 63.0586, 53.2881, 44.9923 looks on a white background.

Color Contrast Check

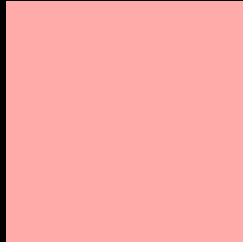
Large Text (above 18pt) WCAG AA × Fail

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 63.0586, 53.2881, 44.9923 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 63.0586, 53.2881, 44.9923

Background



This preview shows how black text looks on a background with the XYZ color 63.0586, 53.2881, 44.9923.



This preview shows how white text looks on a background with the XYZ color 63.0586, 53.2881,

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

63.0586, 53.2881, 44.9923

Protanopia

51.2299, 53.7555, 51.3918

Deuteranopia

54.3528, 53.2800, 43.9786



Tritanopia

64.0582, 53.3868, 51.1844

Trichromacy



Original Color

63.0586, 53.2881, 44.9923



Protanomaly

54.8000, 53.0879, 48.9537



Deuteranomaly

57.1960, 53.1985, 44.2996



Tritanomaly

63.6506, 53.2238, 49.0379

Monochromacy



Original Color

63.0586, 53.2881, 44.9923



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.3552, 53.8802, 54.4961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0586, 53.2881, 44.9923 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, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 170)  
}
```

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, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 170) }
```

Border

The CSS property to change the border of an element to XYZ 63.0586, 53.2881, 44.9923 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, 171, 170) }
```


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

```
.border{ border-color:rgb(255, 171, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0586, 53.2881, 44.9923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 170) }
```

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

```
.background{ background-color: rgb(255,  
171, 170) }
```

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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