

Converting Colors

XYZ(62.1807, 53.3500, 46.5187)

Have a look what the booklet for
XYZ(62.1807, 53.3500, 46.5187)
contains.

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Color

**XYZ(62.2701, 53.4135,
46.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	FBADAD
RGB	251, 173, 173
RGB Percent	98%, 68%, 68%
CMY	0.0157, 0.3215, 0.3216
CMYK	0.00, 0.31, 0.31, 0.02
HSL	0°, 91%, 83%
HSV	0°, 31%, 98%
XYZ	62.2701, 53.4135, 46.5630
YIQ	196.3220, 46.4880, 16.5360

Conversions

Conversions Part 2

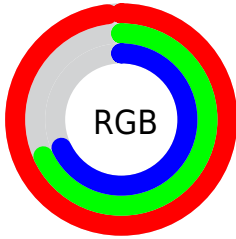
Format	Color
R _Y B	251, 173, 173
Decimal	16493997
CIE Lab	78.12, 28.58, 11.59
CIE LCh	78, 30.839, 22.081
Yxy	53.4135, 0.3838, 0.3292
Android (android.graphics.Color)	4294684077 (0xFFFBADAD)
YUV	196.3220, -11.4977, 47.9526
Hunter-Lab	73.0845, 24.1891, 13.3848

Details

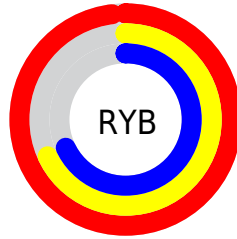
The XYZ color **62.2701, 53.4135, 46.5630** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.1422, 84.8408, 103.9988**, and the grayscale version is **52.7112, 55.4563, 60.3919**.

A 20% lighter version of the original color is **83.2629, 82.9001, 85.0117**, and **32.1600, 26.1509, 21.4418** is the 20% darker color. If you saturate the color by 10%, you get **55.6967, 43.7952, 33.4938**, and if you desaturate by 10%, it is **70.2066, 65.0273, 62.3386**.

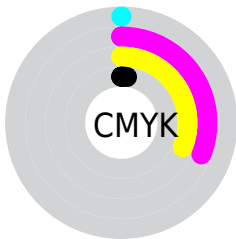
Distribution



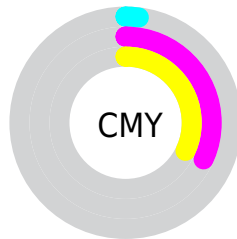
- Red (98%)
- Green (68%)
- Blue (68%)



- Red (98%)
- Yellow (68%)
- Blue (68%)



- Cyan (0%)
- Magenta (31%)
- Yellow (31%)
- Black (2%)





- Cyan (2%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2701, 53.4135, 46.5630 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 62.2701, 53.4135, 46.5630 by changing the saturation by 10% instead.


 62.2701, 53.4135,
46.5630

 62.2701, 53.4135,
46.5630


422.6175,
399.8695, 389.4106

 45.5074, 38.1330,
32.3385


 107.2035, 95.2126,
86.4041

 32.0603, 26.0859,
21.3532


136.1050,
122.4999, 112.8577

 21.5633, 16.8879,
13.1887


169.7834,
154.5582, 144.2248

 13.6512, 10.1546,
7.4263

208.6042,
191.7720, 180.9238

 7.9585, 5.5016,
3.6477

252.9326,
234.5257, 223.3734

 4.1200, 2.5445,
1.4341

303.1341,

 1.7702, 0.8988,

283.2035, 271.9920

0.1681

359.5739,
338.1900, 327.1983

■ 0.4996, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2701, 53.4135,
46.5630

■ 62.2701, 53.4135,
46.5630

■ 55.6967, 43.7952,
33.4938

■ 70.2066, 65.0273,
62.3386

■ 50.4059, 36.0531,
22.9760

■ 79.5722, 78.7318,
80.9573

■ 46.3150, 30.0669,
14.8439

■ 90.4341, 94.6257,
102.5505

■ 43.3304, 25.6994,
8.9109

■ 93.5938, 99.2493,
108.8319

■ 41.3442, 22.7930,
4.9630

■ 40.2274, 21.1586,
2.7433

■ 39.7840, 20.5097,
1.8619

Harmonies

Analogous

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



63.1204, 53.4135, 62.8474



62.2701, 53.4135, 46.5630



58.2207, 53.4135, 35.7262

Triad

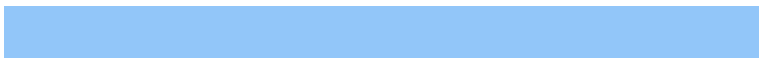
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.2701, 53.4135, 46.5630



42.1712, 53.4135, 40.0681



49.1894, 53.4135, 97.5698

Complementary

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



62.2701, 53.4135, 46.5630



69.1422, 84.8408, 103.9988

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.



43.9800, 53.4135, 88.4334



62.2701, 53.4135, 46.5630



40.1423, 53.4135, 53.7083

Square

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



62.2701, 53.4135, 46.5630



46.5389, 53.4135, 32.5255



40.7773, 53.4135, 71.5344



55.2457, 53.4135, 94.6130

Rectangle

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



62.2701, 53.4135, 46.5630



54.4141, 53.4135, 31.9698



40.7773, 53.4135, 71.5344



47.2883, 53.4135, 95.7567

Sweetspot

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



62.2715, 53.4160, 46.5641



84.6837, 84.8313, 88.2919



72.1402, 57.3620, 98.5369



17.7929, 17.6702, 18.2363



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.



62.2715, 53.4160, 46.5641



60.3271, 49.1906, 39.8718



70.8704, 70.6138, 49.4304



17.2448, 17.2254, 17.8783



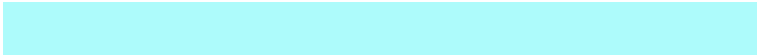
20.9121, 10.7808, 0.9787



1.9368, 0.9985, 0.0907

Inverse Universe

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



69.1422, 84.8408, 103.9988



68.4355, 86.2768, 107.6539



58.1902, 62.9368, 100.3482



17.7658, 19.6084, 22.2337



27.2833, 39.9221, 54.2413



2.5269, 3.6975, 5.0237

Previews

White Background



This preview shows how the XYZ color 62.2701, 53.4135, 46.5630 looks on a white background.

Color Contrast Check

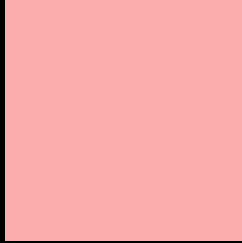
Large Text (above 18pt) WCAG AA × Fail

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 62.2701, 53.4135, 46.5630 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 62.2701, 53.4135, 46.5630

Background



This preview shows how black text looks on a background with the XYZ color 62.2701, 53.4135, 46.5630.



This preview shows how white text looks on a background with the XYZ color 62.2701, 53.4135,

46.5630.

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

62.2701, 53.4135, 46.5630

Protanopia

51.2749, 53.7427, 53.0183

Deuteranopia

54.7284, 53.4302, 45.9566



Tritanopia

63.3595, 53.2820, 52.2924

Trichromacy



Original Color

62.2701, 53.4135, 46.5630



Protanomaly

54.7106, 53.3185, 50.5880



Deuteranomaly

57.2490, 53.1821, 46.2776



Tritanomaly

63.1356, 53.4958, 50.1781

Monochromacy



Original Color

62.2701, 53.4135, 46.5630



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.3792, 54.1962, 55.1191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2701, 53.4135, 46.5630 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(251, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(251, 173, 173)  
}
```

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(251, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 173, 173) }
```

Border

The CSS property to change the border of an element to XYZ 62.2701, 53.4135, 46.5630 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(251, 173, 173) }
```


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

```
.border{ border-color:rgb(251, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(251, 173,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2701, 53.4135, 46.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 173, 173) }
```

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

```
.background{ background-color: rgb(251,  
173, 173) }
```

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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