

Converting Colors

XYZ(62.3225, 54.2427, 47.8424)

Have a look what the booklet for
XYZ(62.3225, 54.2427, 47.8424)
contains.

XYZ(62.3301, 54.2856, 47.7504)	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(62.3301, 54.2856,
47.7504)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B0AF
RGB	249, 176, 175
RGB Percent	98%, 69%, 69%
CMY	0.0235, 0.3098, 0.3137
CMYK	0.00, 0.29, 0.30, 0.02
HSL	1°, 86%, 83%
HSV	1°, 30%, 98%
XYZ	62.3301, 54.2856, 47.7504
YIQ	197.7130, 43.8290, 15.1650

Conversions

Conversions Part 2

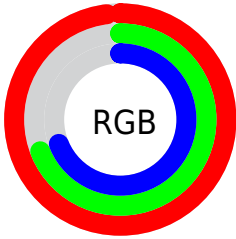
Format	Color
R _Y B	249, 176, 175
Decimal	16363695
CIE Lab	78.63, 26.52, 11.20
CIE LCh	79, 28.789, 22.897
Yxy	54.2856, 0.3792, 0.3303
Android (android.graphics.Color)	4294553775 (0xFFFF9B0AF)
YUV	197.7130, -11.1975, 44.9787
Hunter-Lab	73.6788, 22.0680, 13.1499

Details

The XYZ color **62.3301, 54.2856, 47.7504** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.3442, 83.0853, 102.0576**, and the grayscale version is **53.5508, 56.3396, 61.3538**.

A 20% lighter version of the original color is **84.3795, 84.6864, 86.7617**, and **32.1440, 26.6723, 22.1930** is the 20% darker color. If you saturate the color by 10%, you get **55.7185, 44.6217, 34.5731**, and if you desaturate by 10%, it is **70.2669, 65.8775, 63.5952**.

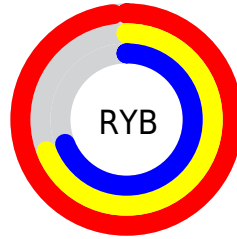
Distribution



Red (98%)

Green (69%)

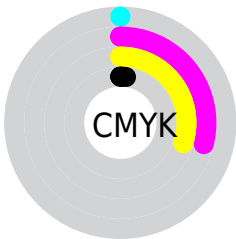
Blue (69%)



Red (98%)

Yellow (69%)

Blue (69%)

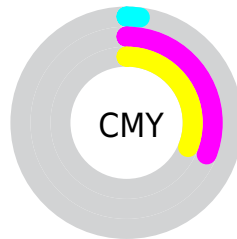


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3301, 54.2856, 47.7504 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 62.3301, 54.2856, 47.7504 by changing the saturation by 10% instead.


 62.3301, 54.2856,
47.7504

 62.3301, 54.2856,
47.7504


422.8326,
403.1982, 394.2821

 45.5561, 38.8300,
33.2707


 107.2897, 96.4935,
88.1943

 32.0988, 26.6275,
22.0611


136.2060,
124.0145, 114.9956

 21.5929, 17.2937,
13.7030


169.9005,
156.3263, 146.7412

 13.6730, 10.4441,
7.7780

208.7385,
193.8130, 183.8496

 7.9738, 5.6944,
3.8675

253.0853,
236.8592, 226.7393

 4.1298, 2.6602,
1.5529

303.3064,

 1.7758, 0.9570,

285.8492, 275.8289

0.2569

359.7670,
341.1674, 331.5370

■ 0.5030, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3301, 54.2856,
47.7504

■ 62.3301, 54.2856,
47.7504

■ 55.7185, 44.6217,
34.5731

■ 70.2669, 65.8775,
63.5952

■ 50.3558, 36.7741,
23.9136

■ 79.5908, 79.4859,
82.2395

■ 46.1648, 30.6317,
15.6125

■ 90.3653, 95.2029,
103.8103

■ 43.0581, 26.0679,
9.4910

■ 92.8770, 98.8798,
108.7983

■ 40.9357, 22.9387,
5.3447

■ 39.6795, 21.0736,
2.9303

■ 39.1150, 20.2297,
1.8633

■ 39.1037, 20.2132,
1.8405

Harmonies

Analogous

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



63.2156, 54.2856, 63.0620



62.3301, 54.2856, 47.7504



58.4723, 54.2856, 37.4998

Triad

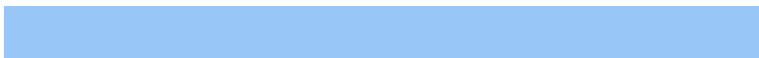
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.3301, 54.2856, 47.7504



43.3645, 54.2856, 42.1701



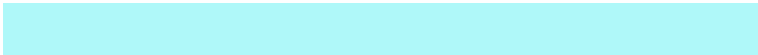
50.2576, 54.2856, 95.9117

Complementary

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



62.3301, 54.2856, 47.7504



68.3442, 83.0853, 102.0576

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.



45.2826, 54.2856, 87.7399



62.3301, 54.2856, 47.7504



41.4968, 54.2856, 55.3224

Square

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



62.3301, 54.2856, 47.7504



47.4617, 54.2856, 34.7150



42.1724, 54.2856, 72.1368



55.9655, 54.2856, 92.8716

Rectangle

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



62.3301, 54.2856, 47.7504



54.8771, 54.2856, 33.9619



42.1724, 54.2856, 72.1368



48.4500, 54.2856, 94.3413

Sweetspot

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



62.3316, 54.2882, 47.7515



84.7712, 85.0062, 88.3211



71.4961, 57.6397, 96.9799



17.8142, 17.7128, 18.2434



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.



62.3316, 54.2882, 47.7515



61.2244, 50.6228, 41.2887



70.3486, 70.3222, 50.4238



17.2635, 17.2629, 17.8846



20.9397, 10.8361, 0.9879



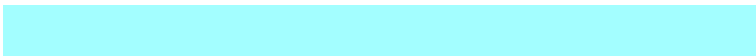
1.9458, 1.0165, 0.0936

Inverse Universe

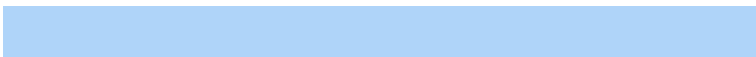
The Inverse Universe completely reimagines the original color for something new.



68.3442, 83.0853, 102.0576



68.5587, 85.7545, 107.5466



58.3220, 63.0409, 98.7168



17.7444, 19.5657, 22.2266



26.7404, 38.8364, 54.0604



2.4829, 3.6095, 5.0090

Previews

White Background



This preview shows how the XYZ color 62.3301, 54.2856, 47.7504 looks on a white background.

Color Contrast Check

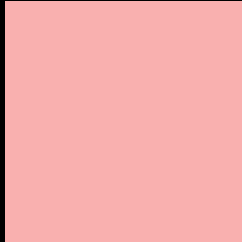
Large Text (above 18pt) WCAG AA × Fail

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 62.3301, 54.2856, 47.7504 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 62.3301, 54.2856, 47.7504

Background



This preview shows how black text looks on a background with the XYZ color 62.3301, 54.2856, 47.7504.



This preview shows how white text looks on a background with the XYZ color 62.3301, 54.2856,

47.7504.

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

62.3301, 54.2856, 47.7504

Protanopia

52.1361, 54.5039, 53.6714

Deuteranopia

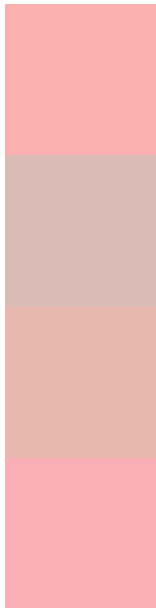
55.6502, 54.5132, 47.1242



Tritanopia

63.5300, 54.1840, 54.1239

Trichromacy



Original Color

62.3301, 54.2856, 47.7504

Protanomaly

55.0243, 53.7823, 51.1970

Deuteranomaly

58.0592, 54.4928, 47.5025

Tritanomaly

63.3016, 54.4028, 51.9642

Monochromacy



Original Color

62.3301, 54.2856, 47.7504

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.3230, 55.2963, 56.4199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3301, 54.2856, 47.7504 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(249, 176, 175)` looks like.

```
.text, #text, p{  
    color:rgb(249, 176, 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(249, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 176, 175) }
```

Border

The CSS property to change the border of an element to XYZ 62.3301, 54.2856, 47.7504 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(249, 176, 175) }
```


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

```
.border{ border-color:rgb(249, 176, 175) }
```

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

Here you see how a box with a 4 pixel rgb(249, 176, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(249, 176,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3301, 54.2856, 47.7504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 176, 175) }
```

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

```
.background{ background-color: rgb(249,  
176, 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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