

Converting Colors

XYZ(73.2730, 58.3854, 45.0863)

Have a look what the booklet for
XYZ(73.2730, 58.3854, 45.0863)
contains.

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Color

**XYZ(62.7762, 52.8740,
44.4332)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAAA9
RGB	255, 170, 169
RGB Percent	100%, 67%, 66%
CMY	0.0000, 0.3333, 0.3372
CMYK	0.00, 0.33, 0.34, 0.00
HSL	1°, 100%, 83%
HSV	1°, 34%, 100%
XYZ	62.7762, 52.8740, 44.4332
YIQ	195.3010, 50.9810, 17.7090

Conversions

Conversions Part 2

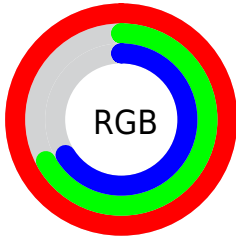
Format	Color
R _Y B	255, 170, 169
Decimal	16755369
CIE Lab	77.80, 31.12, 13.38
CIE LCh	78, 33.875, 23.261
Yxy	52.8740, 0.3921, 0.3303
Android (android.graphics.Color)	4294945449 (0xFFFFAAA9)
YUV	195.3010, -12.9664, 52.3560
Hunter-Lab	72.7145, 26.8530, 14.6702

Details

The XYZ color **62.7762, 52.8740, 44.4332** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.8527, 86.5355, 107.6291**, and the grayscale version is **52.1061, 54.8196, 59.6986**.

A 20% lighter version of the original color is **81.8909, 81.0345, 81.8461**, and **32.3371, 25.7427, 20.0941** is the 20% darker color. If you saturate the color by 10%, you get **56.3316, 43.4495, 31.6038**, and if you desaturate by 10%, it is **70.5959, 64.3013, 60.0252**.

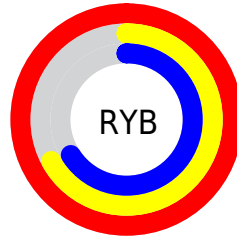
Distribution



Red (100%)

Green (67%)

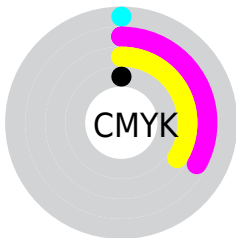
Blue (66%)



Red (100%)

Yellow (67%)

Blue (66%)

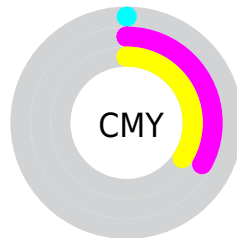


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7762, 52.8740, 44.4332 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 62.7762, 52.8740, 44.4332 by changing the saturation by 10% instead.


 62.7762, 52.8740,
44.4332

 62.7762, 52.8740,
44.4332


424.4294,
397.8015, 380.5661

 45.9181, 37.7022,
30.6715


 107.9302, 94.4189,
83.1786

 32.3856, 25.7516,
20.0925


136.9569,
121.5609, 108.9994

 21.8132, 16.6379,
12.2775


170.7704,
153.4616, 139.6771

 13.8355, 9.9767,
6.8082

209.7363,
190.5056, 175.6300

 8.0873, 5.3835,
3.2658

254.2197,
233.0771, 217.2769

 4.2031, 2.4740,
1.2319

304.5862,

 1.8177, 0.8636,

281.5607, 265.0362

0.0050

361.2009,
336.3407, 319.3264

■ 0.5283, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7762, 52.8740,
44.4332

■ 62.7762, 52.8740,
44.4332

■ 56.3316, 43.4495,
31.6038

■ 70.5959, 64.3013,
60.0252

■ 51.1789, 35.9056,
21.3730

■ 79.8595, 77.8295,
78.5246

■ 47.2322, 30.1183,
13.5645

■ 90.6361, 93.5592,
100.0697

■ 44.3935, 25.9460,
7.9787

95.0500, 100.0000,
108.9000

■ 42.5496, 23.2247,
4.3842

■ 41.5629, 21.7562,
2.4990

■ 41.2723, 21.3247,
1.9408

Harmonies

Analogous

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



63.8722, 52.8740, 61.9210



62.7762, 52.8740, 44.4332



58.1960, 52.8740, 33.1742

Triad

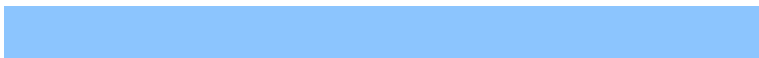
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.7762, 52.8740, 44.4332



40.7969, 52.8740, 38.5294



48.7874, 52.8740, 101.4882

Complementary

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



62.7762, 52.8740, 44.4332



69.8527, 86.5355, 107.6291

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.



43.0717, 52.8740, 91.6997



62.7762, 52.8740, 44.4332



38.7256, 52.8740, 53.4293

Square

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



62.7762, 52.8740, 44.4332



45.4298, 52.8740, 30.3207



39.5206, 52.8740, 73.0720



55.4106, 52.8740, 97.6121

Rectangle

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



62.7762, 52.8740, 44.4332



53.9817, 52.8740, 29.4118



39.5206, 52.8740, 73.0720



46.7042, 52.8740, 99.6275

Sweetspot

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



62.7775, 52.8765, 44.4342



83.6934, 83.4264, 86.1871



73.4782, 56.8564, 101.7094



17.5989, 17.3969, 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.



62.7775, 52.8765, 44.4342



58.5771, 46.7346, 36.0703



71.9452, 71.2119, 47.4901



18.0264, 18.0210, 18.6726



21.5731, 11.1573, 1.0166



2.1062, 1.0978, 0.1009

Inverse Universe

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



69.8527, 86.5355, 107.6291



66.5677, 84.7540, 107.4584



57.9561, 62.7425, 103.6636



18.5356, 20.4429, 23.2189



27.6323, 40.1742, 55.7326



2.6961, 3.9229, 5.4284

Previews

White Background



This preview shows how the XYZ color 62.7762, 52.8740, 44.4332 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 62.7762, 52.8740, 44.4332 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 62.7762, 52.8740, 44.4332

Background



This preview shows how black text looks on a background with the XYZ color 62.7762, 52.8740, 44.4332.



This preview shows how white text looks on a background with the XYZ color 62.7762, 52.8740,

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

62.7762, 52.8740, 44.4332

Protanopia

50.7433, 53.1776, 51.3059

Deuteranopia

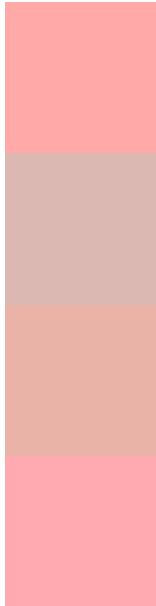
54.2606, 53.2431, 43.4935



Tritanopia

63.7685, 52.9721, 50.5797

Trichromacy



Original Color

62.7762, 52.8740, 44.4332

Protanomaly

54.2897, 52.5154, 48.8701

Deuteranomaly

56.9006, 52.7562, 43.7432

Tritanomaly

63.3638, 52.8103, 48.4487

Monochromacy



Original Color

62.7762, 52.8740, 44.4332

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

55.0371, 53.4147, 53.8637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7762, 52.8740, 44.4332 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 169) }
```

Border

The CSS property to change the border of an element to XYZ 62.7762, 52.8740, 44.4332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

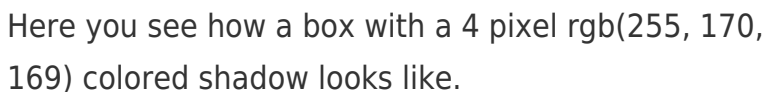
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 170, 169) }
```


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

```
.border{ border-color:rgb(255, 170, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7762, 52.8740, 44.4332 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, 169) }
```

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

```
.background{ background-color: rgb(255,  
170, 169) }
```

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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