

Converting Colors

XYZ(105.2784, 74.9201,
43.1462)

Have a look what the booklet for
XYZ(105.2784, 74.9201, 43.1462)
contains.

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Color

**XYZ(62.1363, 52.6181,
41.0638)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAAA2
RGB	255, 170, 162
RGB Percent	100%, 67%, 64%
CMY	0.0000, 0.3333, 0.3647
CMYK	0.00, 0.33, 0.36, 0.00
HSL	5°, 100%, 82%
HSV	5°, 36%, 100%
XYZ	62.1363, 52.6181, 41.0638
YIQ	194.5030, 53.2280, 15.5320

Conversions

Conversions Part 2

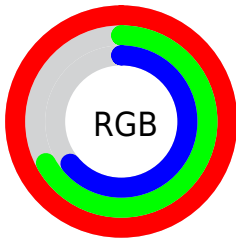
Format	Color
R _Y B	255, 171, 162
Decimal	16755362
CIE Lab	77.65, 30.29, 16.97
CIE LCh	78, 34.717, 29.253
Yxy	52.6181, 0.3988, 0.3377
Android (android.graphics.Color)	4294945442 (0xFFFFAA2)
YUV	194.5030, -16.0240, 53.0559
Hunter-Lab	72.5383, 25.9609, 17.2129

Details

The XYZ color **62.1363, 52.6181, 41.0638** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.2096, 81.4197, 106.8336**, and the grayscale version is **51.6475, 54.3372, 59.1732**.

A 20% lighter version of the original color is **80.9607, 80.6625, 76.9480**, and **31.9407, 25.5841, 18.0066** is the 20% darker color. If you saturate the color by 10%, you get **56.1070, 43.8267, 28.9820**, and if you desaturate by 10%, it is **69.4023, 63.1472, 55.8263**.

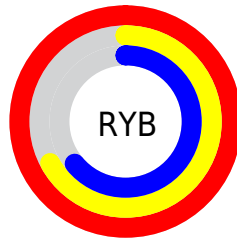
Distribution



Red (100%)

Green (67%)

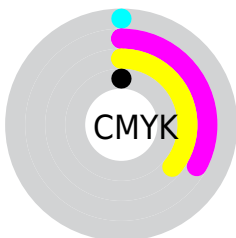
Blue (64%)



Red (100%)

Yellow (67%)

Blue (64%)

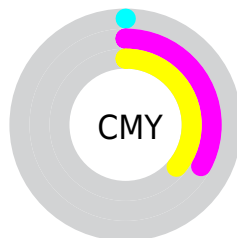


Cyan (0%)

Magenta (33%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1363, 52.6181, 41.0638 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 62.1363, 52.6181, 41.0638 by changing the saturation by 10% instead.


 62.1363, 52.6181,
41.0638

 62.1363, 52.6181,
41.0638


422.1377,
396.8182, 366.2717

 45.3989, 37.4980,
28.0489

 107.0113, 94.0422,
78.0355

 31.9743, 25.5933,
18.1231


 135.8796,
121.1149, 102.8293

 21.4973, 16.5196,
10.8681


169.5222,
152.9407, 132.3864

 13.6026, 9.8926,
5.8651

208.3045,
189.9038, 167.1255

 7.9246, 5.3278,
2.6958

252.5919,
232.3887, 207.4650

 4.0981, 2.4409,
0.9413

302.7496,

 1.7578, 0.8468,

280.7798, 253.8236

0.0000

359.1431,
335.4615, 306.6196

■ 0.4920, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1363, 52.6181,
41.0638

■ 62.1363, 52.6181,
41.0638

■ 56.1070, 43.8267,
28.9820

■ 69.4023, 63.1472,
55.8263

■ 51.2416, 36.6723,
19.4171

■ 77.9645, 75.4924,
73.4140

■ 47.4657, 31.0559,
12.1918

■ 87.8834, 89.7365,
93.9646

■ 44.6946, 26.8642,
7.1048

95.0500, 100.0000,
108.9000

■ 42.8312, 23.9688,
3.9206

■ 41.7581, 22.2173,
2.3459

■ 41.5259, 21.8319,
2.0253

Harmonies

Analogous

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



64.0564, 52.6181, 57.7752



62.1363, 52.6181, 41.0638



56.9034, 52.6181, 31.0384

Triad

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



62.1363, 52.6181, 41.0638



39.7213, 52.6181, 40.3992



49.8439, 52.6181, 102.7597

Complementary

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



62.1363, 52.6181, 41.0638



66.2096, 81.4197, 106.8336

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.



43.7006, 52.6181, 95.2846



62.1363, 52.6181, 41.0638



38.1868, 52.6181, 56.8118

Square

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



62.1363, 52.6181, 41.0638



43.9674, 52.6181, 30.7193



39.5772, 52.6181, 77.3156



56.5865, 52.6181, 95.9624

Rectangle

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



62.1363, 52.6181, 41.0638



52.4569, 52.6181, 28.1138



39.5772, 52.6181, 77.3156



47.6441, 52.6181, 101.8104

Sweetspot

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



62.1377, 52.6207, 41.0648



83.2185, 83.0439, 84.2799



70.9877, 53.8320, 94.8473



17.5252, 17.3627, 17.4449



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.



62.1377, 52.6207, 41.0648



57.4856, 45.8426, 31.7259



72.3818, 73.1089, 44.4795



18.1350, 18.2382, 18.7088



21.7410, 11.4933, 1.0725



2.1577, 1.2008, 0.1180

Inverse Universe

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



66.2096, 81.4197, 106.8336



62.0990, 78.5536, 106.4971



53.7791, 56.5587, 102.6901



18.4133, 20.1981, 23.1781



24.7201, 34.3497, 54.7619



2.4446, 3.4200, 5.3445

Previews

White Background



This preview shows how the XYZ color 62.1363, 52.6181, 41.0638 looks on a white background.

Color Contrast Check

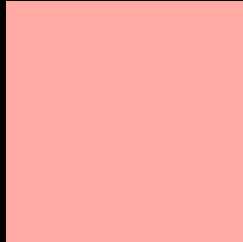
Large Text (above 18pt) WCAG AA × Fail

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 62.1363, 52.6181, 41.0638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

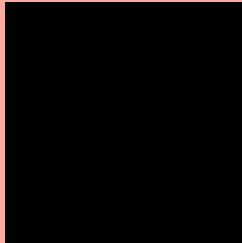
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1363, 52.6181, 41.0638

Background



This preview shows how black text looks on a background with the XYZ color 62.1363, 52.6181, 41.0638.



This preview shows how white text looks on a background with the XYZ color 62.1363, 52.6181,

41.0638.

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

62.1363, 52.6181, 41.0638

Protanopia

50.2119, 52.9958, 47.1179

Deuteranopia

53.7312, 52.7307, 40.1470



Tritanopia

63.4809, 52.5606, 49.9794

Trichromacy



Original Color

62.1363, 52.6181, 41.0638

Protanomaly

53.8171, 52.3612, 44.8064

Deuteranomaly

56.5981, 52.6730, 40.4416

Tritanomaly

62.9708, 52.6531, 46.3793

Monochromacy



Original Color

62.1363, 52.6181, 41.0638

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.7214, 53.2884, 52.2013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1363, 52.6181, 41.0638 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 162) }
```

Border

The CSS property to change the border of an element to XYZ 62.1363, 52.6181, 41.0638 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, 162) }
```


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

```
.border{ border-color:rgb(255, 170, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1363, 52.6181, 41.0638 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
170, 162) }
```

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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