

Converting Colors

XYZ(62.7012, 54.1474, 40.7577)

Have a look what the booklet for
XYZ(62.7012, 54.1474, 40.7577)
contains.

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Color

**XYZ(62.8091, 54.1053,
40.8512)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEA1
RGB	255, 174, 161
RGB Percent	100%, 68%, 63%
CMY	0.0000, 0.3176, 0.3686
CMYK	0.00, 0.32, 0.37, 0.00
HSL	8°, 100%, 82%
HSV	8°, 37%, 100%
XYZ	62.8091, 54.1053, 40.8512
YIQ	196.7370, 52.4490, 13.1290

Conversions

Conversions Part 2

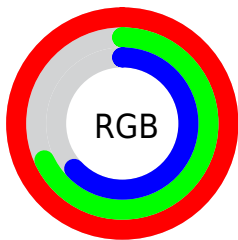
Format	Color
R_{YB}	255, 176, 161
Decimal	16756385
CIE _{Lab}	78.52, 28.08, 18.72
CIE _{LCh}	79, 33.752, 33.691
Yxy	54.1053, 0.3981, 0.3429
Android (android.graphics.Color)	4294946465 (0xFFFFAEA1)
YUV	196.7370, -17.6183, 51.0967
Hunter-Lab	73.5563, 23.6961, 18.5613

Details

The XYZ color **62.8091, 54.1053, 40.8512** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.4988, 78.2984, 106.3214**, and the grayscale version is **52.9943, 55.7541, 60.7162**.

A 20% lighter version of the original color is **81.9315, 82.8115, 76.6317**, and **32.3626, 26.5146, 17.8801** is the 20% darker color. If you saturate the color by 10%, you get **56.8824, 45.4911, 28.8898**, and if you desaturate by 10%, it is **69.8914, 64.2967, 55.4612**.

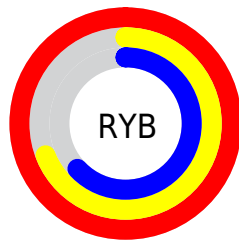
Distribution



Red (100%)

Green (68%)

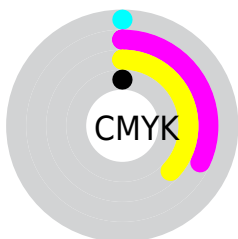
Blue (63%)



Red (100%)

Yellow (69%)

Blue (63%)

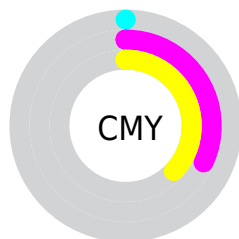


Cyan (0%)

Magenta (32%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8091, 54.1053, 40.8512 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 62.8091, 54.1053, 40.8512 by changing the saturation by 10% instead.

 62.8091, 54.1053,
40.8512


 62.8091, 54.1053,
40.8512


424.5470,
402.5114, 365.3565

 45.9449, 38.6859,
27.8840


 107.9774, 96.2288,
77.7092

 32.4067, 26.5154,
18.0000


 137.0122,
123.7017, 102.4370

 21.8294, 17.2096,
10.7805

170.8345,
155.9612, 131.9222

 13.8475, 10.3841,
5.8071

209.8098,
193.3917, 166.5832

 8.0957, 5.6543,
2.6613

254.3033,
236.3775, 206.8386

 4.2086, 2.6361,
0.9238

304.6804,

 1.8208, 0.9448,

285.3032, 253.1069

0.0000

361.3066,
340.5530, 305.8067

■ 0.5301, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8091, 54.1053,
40.8512

■ 62.8091, 54.1053,
40.8512

■ 56.8824, 45.4911,
28.8898

■ 69.8914, 64.2967,
55.4612

■ 52.0455, 38.3678,
19.4149

■ 78.1824, 76.1307,
72.8623

■ 48.2321, 32.6522,
12.2512

■ 87.7367, 89.6783,
93.1908

■ 45.3667, 28.2503,
7.1996

95.0500, 100.0000,
108.9000

■ 43.3633, 25.0560,
4.0267

■ 42.1180, 22.9459,
2.4389

■ 41.8493, 22.4786,
2.1331

Harmonies

Analogous

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



65.2627, 54.1053, 56.5867



62.8091, 54.1053, 40.8512



57.3005, 54.1053, 31.8152

Triad

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



62.8091, 54.1053, 40.8512



40.7987, 54.1053, 44.1323



52.2525, 54.1053, 103.5065

Complementary

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



62.8091, 54.1053, 40.8512



64.4988, 78.2984, 106.3214

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.



45.9664, 54.1053, 98.1902



62.8091, 54.1053, 40.8512



39.6969, 54.1053, 61.2991

Square

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



62.8091, 54.1053, 40.8512



44.6569, 54.1053, 33.4034



41.5077, 54.1053, 81.6367



58.8456, 54.1053, 94.9153

Rectangle

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



62.8091, 54.1053, 40.8512



52.8428, 54.1053, 29.5061



41.5077, 54.1053, 81.6367



50.0337, 54.1053, 103.2944

Sweetspot

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



62.8105, 54.1079, 40.8523



83.6268, 83.8605, 84.4160



70.0824, 53.1891, 90.9453



17.6217, 17.5556, 17.4771



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.



62.8105, 54.1079, 40.8523



58.4649, 47.8013, 32.0524



73.4067, 75.3003, 44.3843



18.2120, 18.3922, 18.7345



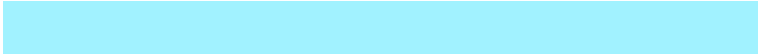
21.9285, 11.8682, 1.1350



2.1939, 1.2731, 0.1301

Inverse Universe

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



64.4988, 78.2984, 106.3214



60.3493, 75.0543, 105.9139



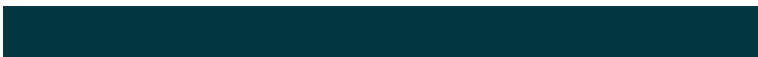
52.3683, 54.0373, 102.2779



18.3280, 20.0276, 23.1497



22.8487, 30.6071, 54.1381



2.2812, 3.0930, 5.2901

Previews

White Background



This preview shows how the XYZ color 62.8091, 54.1053, 40.8512 looks on a white background.

Color Contrast Check

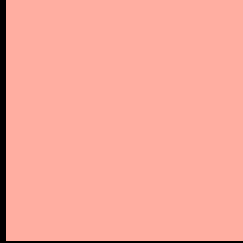
Large Text (above 18pt) WCAG AA × Fail

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 62.8091, 54.1053, 40.8512 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 62.8091, 54.1053, 40.8512

Background



This preview shows how black text looks on a background with the XYZ color 62.8091, 54.1053, 40.8512.



This preview shows how white text looks on a background with the XYZ color 62.8091, 54.1053,

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

62.8091, 54.1053, 40.8512

Protanopia

51.5443, 54.3612, 46.3042

Deuteranopia

55.3924, 54.2126, 40.3455



Tritanopia

64.6443, 54.2257, 52.4069

Trichromacy



Original Color

62.8091, 54.1053, 40.8512



Protanomaly

55.1768, 54.0186, 44.0777



Deuteranomaly

57.9982, 53.9985, 40.6236



Tritanomaly

64.0200, 54.2817, 48.1775

Monochromacy



Original Color

62.8091, 54.1053, 40.8512



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

55.7628, 54.7613, 52.9784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8091, 54.1053, 40.8512 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, 174, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 161)  
}
```

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, 174, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 161) }
```

Border

The CSS property to change the border of an element to XYZ 62.8091, 54.1053, 40.8512 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, 174, 161) }
```


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

```
.border{ border-color:rgb(255, 174, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8091, 54.1053, 40.8512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 161) }
```

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

```
.background{ background-color: rgb(255,  
174, 161) }
```

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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