

Converting Colors

XYZ(62.7118, 53.5973, 41.7852)

Have a look what the booklet for
XYZ(62.7118, 53.5973, 41.7852)
contains.

XYZ(62.6034, 53.4094, 41.6598)	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(62.6034, 53.4094,
41.6598)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACA3
RGB	255, 172, 163
RGB Percent	100%, 67%, 64%
CMY	0.0000, 0.3255, 0.3608
CMYK	0.00, 0.33, 0.36, 0.00
HSL	6°, 100%, 82%
HSV	6°, 36%, 100%
XYZ	62.6034, 53.4094, 41.6598
YIQ	195.7910, 52.3570, 14.7970

Conversions

Conversions Part 2

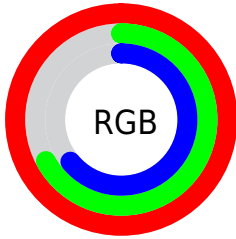
Format	Color
R _Y B	255, 173, 163
Decimal	16755875
CIE Lab	78.12, 29.36, 17.08
CIE LCh	78, 33.965, 30.180
Yxy	53.4094, 0.3970, 0.3387
Android (android.graphics.Color)	4294945955 (0xFFFFACA3)
YUV	195.7910, -16.1660, 51.9263
Hunter-Lab	73.0817, 25.0139, 17.3593

Details

The XYZ color **62.6034, 53.4094, 41.6598** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.1087, 80.9149, 106.7416**, and the grayscale version is **52.4172, 55.1469, 60.0550**.

A 20% lighter version of the original color is **81.6383, 81.8088, 77.8175**, and **32.2310, 26.0771, 18.3736** is the 20% darker color. If you saturate the color by 10%, you get **56.5393, 44.5763, 29.4800**, and if you desaturate by 10%, it is **69.8887, 63.9474, 56.5203**.

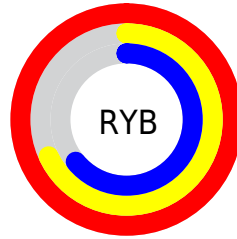
Distribution



Red (100%)

Green (67%)

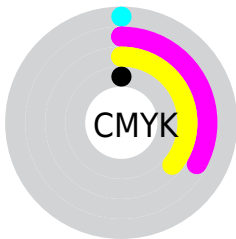
Blue (64%)



Red (100%)

Yellow (68%)

Blue (64%)

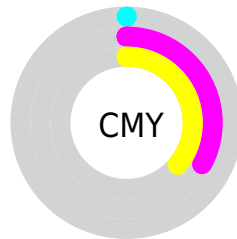


Cyan (0%)

Magenta (33%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6034, 53.4094, 41.6598 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 62.6034, 53.4094, 41.6598 by changing the saturation by 10% instead.


 62.6034, 53.4094,
41.6598


 62.6034, 53.4094,
41.6598


423.8113,
399.8538, 368.8287

 45.7779, 38.1297,
28.5114


 107.6822, 95.2065,
78.9490

 32.2745, 26.0834,
18.4691


 136.6661,
122.4927, 103.9269

 21.7278, 16.8860,
11.1144


170.4336,
154.5499, 133.6851

 13.7725, 10.1533,
6.0287

209.3500,
191.7624, 168.6421

 8.0432, 5.5007,
2.7935

253.7805,
234.5147, 209.2164

 4.1747, 2.5439,
0.9902

304.0907,

 1.8014, 0.8986,

283.1911, 255.8265

0.0000

360.6459,
338.1760, 308.8911

■ 0.5185, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6034, 53.4094,
41.6598

■ 62.6034, 53.4094,
41.6598

■ 56.5393, 44.5763,
29.4800

■ 69.8887, 63.9474,
56.5203

■ 51.6254, 37.3513,
19.8182

■ 78.4529, 76.2654,
74.2050

■ 47.7897, 31.6395,
12.4986

■ 88.3549, 90.4432,
94.8507

■ 44.9503, 27.3329,
7.3217

95.0500, 100.0000,
108.9000

■ 43.0134, 24.3093,
4.0545

■ 41.8663, 22.4250,
2.4091

■ 41.5868, 21.9536,
2.0456

Harmonies

Analogous

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



64.6121, 53.4094, 58.0390



62.6034, 53.4094, 41.6598



57.3723, 53.4094, 31.8769

Triad

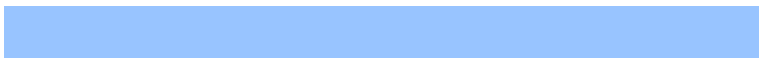
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.6034, 53.4094, 41.6598



40.4857, 53.4094, 41.8192



50.8041, 53.4094, 102.8475

Complementary

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



62.6034, 53.4094, 41.6598



66.1087, 80.9149, 106.7416

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.



44.6837, 53.4094, 95.9375



62.6034, 53.4094, 41.6598



39.0511, 53.4094, 58.2687

Square

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



62.6034, 53.4094, 41.6598



44.6200, 53.4094, 31.9538



40.5202, 53.4094, 78.5112



57.4477, 53.4094, 95.7773

Rectangle

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



62.6034, 53.4094, 41.6598



52.9699, 53.4094, 29.0826



40.5202, 53.4094, 78.5112



48.6203, 53.4094, 102.0673

Sweetspot

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



62.6048, 53.4120, 41.6608



83.3104, 83.2277, 84.3105



71.1774, 54.1909, 94.9741



17.5469, 17.4061, 17.4522



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.



62.6048, 53.4120, 41.6608



58.2803, 47.1200, 32.9531



72.5781, 73.3587, 44.9853



18.1524, 18.2729, 18.7146



21.7770, 11.5652, 1.0845



2.1659, 1.2171, 0.1208

Inverse Universe

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



66.1087, 80.9149, 106.7416



62.2199, 78.1337, 106.4097



54.1191, 56.9359, 102.7451



18.3940, 20.1595, 23.1717



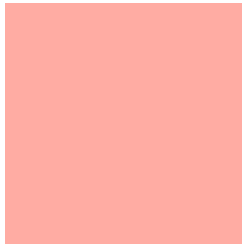
24.2850, 33.4796, 54.6168



2.4068, 3.3442, 5.3319

Previews

White Background



This preview shows how the XYZ color 62.6034, 53.4094, 41.6598 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 62.6034, 53.4094, 41.6598 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 62.6034, 53.4094, 41.6598

Background



This preview shows how black text looks on a background with the XYZ color 62.6034, 53.4094, 41.6598.



This preview shows how white text looks on a background with the XYZ color 62.6034, 53.4094,

41.6598.

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

62.6034, 53.4094, 41.6598

Protanopia

51.0671, 53.7525, 47.7281

Deuteranopia

54.6445, 53.5032, 40.7048



Tritanopia

64.0582, 53.3868, 51.1844

Trichromacy



Original Color

62.6034, 53.4094, 41.6598

Protanomaly

54.4235, 52.9724, 45.3865

Deuteranomaly

57.2178, 53.2831, 40.9872

Tritanomaly

63.5408, 53.4810, 47.5313

Monochromacy



Original Color

62.6034, 53.4094, 41.6598

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

55.0373, 53.7531, 52.8220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6034, 53.4094, 41.6598 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, 172, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 163)  
}
```

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, 172, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 163) }
```

Border

The CSS property to change the border of an element to XYZ 62.6034, 53.4094, 41.6598 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, 172, 163) }
```


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

```
.border{ border-color:rgb(255, 172, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6034, 53.4094, 41.6598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 163) }
```

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

```
.background{ background-color: rgb(255,  
172, 163) }
```

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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