

Converting Colors

XYZ(61.9352, 51.8186, 42.2211)

Have a look what the booklet for
XYZ(61.9352, 51.8186, 42.2211)
contains.

XYZ(62.0342, 51.9819, 42.3613)	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(62.0342, 51.9819,
42.3613)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8A5
RGB	255, 168, 165
RGB Percent	100%, 66%, 65%
CMY	0.0000, 0.3412, 0.3529
CMYK	0.00, 0.34, 0.35, 0.00
HSL	2°, 100%, 82%
HSV	2°, 35%, 100%
XYZ	62.0342, 51.9819, 42.3613
YIQ	193.6710, 52.8150, 17.5110

Conversions

Conversions Part 2

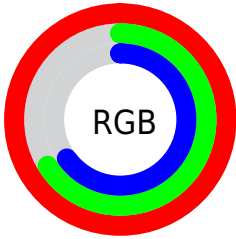
Format	Color
R _Y B	255, 168, 165
Decimal	16754853
CIE Lab	77.27, 31.69, 14.81
CIE LCh	77, 34.974, 25.045
Yxy	51.9819, 0.3967, 0.3324
Android (android.graphics.Color)	4294944933 (0xFFFFA8A5)
YUV	193.6710, -14.1348, 53.7855
Hunter-Lab	72.0985, 27.4107, 15.6332

Details

The XYZ color **62.0342, 51.9819, 42.3613** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.3761, 84.8369, 107.3791**, and the grayscale version is **51.1440, 53.8075, 58.5963**.

A 20% lighter version of the original color is **80.8139, 79.7386, 78.8419**, and **31.8763, 25.1895, 18.8048** is the 20% darker color. If you saturate the color by 10%, you get **55.8133, 42.8914, 29.9558**, and if you desaturate by 10%, it is **69.5830, 62.9873, 57.4933**.

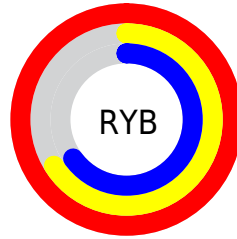
Distribution



Red (100%)

Green (66%)

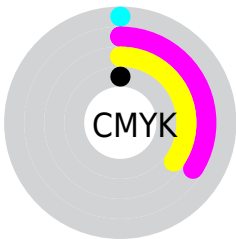
Blue (65%)



Red (100%)

Yellow (66%)

Blue (65%)

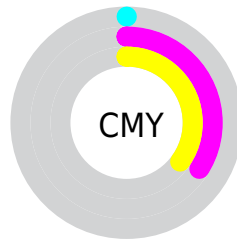


Cyan (0%)

Magenta (34%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0342, 51.9819, 42.3613 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 62.0342, 51.9819, 42.3613 by changing the saturation by 10% instead.


 62.0342, 51.9819,
42.3613


 62.0342, 51.9819,
42.3613


421.7714,
394.3667, 371.8222

 45.3160, 36.9906,
29.0566


 106.8646, 93.1045,
80.0221

 31.9088, 25.2002,
18.8777


 135.7076,
120.0047, 105.2154

 21.4470, 16.2263,
11.4060


169.3229,
151.6433, 135.2085

 13.5655, 9.6844,
6.2230

208.0758,
188.4048, 170.4202

 7.8987, 5.1902,
2.9102

252.3318,
230.6735, 211.2688

 4.0815, 2.3593,
1.0490

302.4561,

 1.7483, 0.8048,

278.8337, 258.1730

0.0000

358.8142,
333.2700, 311.5513

■ 0.4862, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0342, 51.9819,
42.3613

■ 62.0342, 51.9819,
42.3613

■ 55.8133, 42.8914,
29.9558

■ 69.5830, 62.9873,
57.4933

■ 50.8397, 35.5996,
20.1119

■ 78.5260, 76.0003,
75.4974

■ 47.0305, 29.9892,
12.6515

■ 88.9301, 91.1166,
96.5124

■ 44.2908, 25.9261,
7.3727

95.0500, 100.0000,
108.9000

■ 42.5113, 23.2556,
4.0400

■ 41.5586, 21.7910,
2.3636

■ 41.3324, 21.4449,
1.9608

Harmonies

Analogous

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



63.3991, 51.9819, 59.8491



62.0342, 51.9819, 42.3613



57.1692, 51.9819, 31.4070

Triad

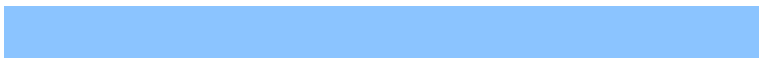
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.0342, 51.9819, 42.3613



39.5745, 51.9819, 37.9687



48.3019, 51.9819, 101.9377

Complementary

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



62.0342, 51.9819, 42.3613



68.3761, 84.8369, 107.3791

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.



42.3817, 51.9819, 92.5824



62.0342, 51.9819, 42.3613



37.6421, 51.9819, 53.4696

Square

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



62.0342, 51.9819, 42.3613



44.1471, 51.9819, 29.3021



38.6217, 51.9819, 73.7163



55.0694, 51.9819, 97.0811

Rectangle

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



62.0342, 51.9819, 42.3613



52.8100, 51.9819, 27.8930



38.6217, 51.9819, 73.7163



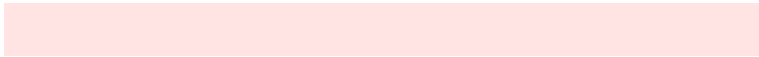
46.1539, 51.9819, 100.2993

Sweetspot

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



62.0355, 51.9844, 42.3623



82.8105, 82.2278, 84.1438



72.2661, 55.1990, 98.9411



17.4290, 17.1701, 17.4128



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.



62.0355, 51.9844, 42.3623



57.7208, 45.6818, 33.7507



71.8261, 71.5655, 45.6258



18.0580, 18.0842, 18.6832



21.6181, 11.2474, 1.0316



2.1212, 1.1278, 0.1059

Inverse Universe

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



68.3761, 84.8369, 107.3791



64.8743, 82.7659, 107.1639



55.8803, 59.8455, 103.2139



18.4998, 20.3712, 23.2069



26.7519, 38.4135, 55.4391



2.6204, 3.7715, 5.4031

Previews

White Background



This preview shows how the XYZ color 62.0342, 51.9819, 42.3613 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 62.0342, 51.9819, 42.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

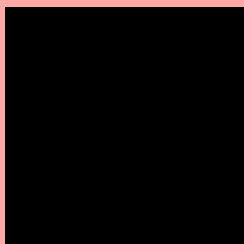
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0342, 51.9819, 42.3613

Background



This preview shows how black text looks on a background with the XYZ color 62.0342, 51.9819, 42.3613.



This preview shows how white text looks on a background with the XYZ color 62.0342, 51.9819,

42.3613.

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

62.0342, 51.9819, 42.3613

Protanopia

49.8553, 52.4417, 49.0896

Deuteranopia

53.1773, 52.1053, 41.4370



Tritanopia

63.1954, 52.1521, 49.3834

Trichromacy



Original Color

62.0342, 51.9819, 42.3613

Protanomaly

53.6897, 51.9442, 46.7316

Deuteranomaly

56.1355, 51.8088, 41.6918

Tritanomaly

62.6987, 51.9534, 46.7678

Monochromacy



Original Color

62.0342, 51.9819, 42.3613

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

54.2151, 52.7158, 52.1175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0342, 51.9819, 42.3613 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, 168, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 165)  
}
```

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, 168, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 165) }
```

Border

The CSS property to change the border of an element to XYZ 62.0342, 51.9819, 42.3613 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, 168, 165) }
```


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

```
.border{ border-color:rgb(255, 168, 165) }
```

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

Here you see how a box with a 4 pixel rgb(255, 168, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0342, 51.9819, 42.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 165) }
```

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

```
.background{ background-color: rgb(255,  
168, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor