

Converting Colors

XYZ(63.7079, 51.4455, 41.9555)

Have a look what the booklet for
XYZ(63.7079, 51.4455, 41.9555)
contains.

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Color

**XYZ(61.1287, 50.1710,
42.0594)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3A5
RGB	255, 163, 165
RGB Percent	100%, 64%, 65%
CMY	0.0000, 0.3608, 0.3529
CMYK	0.00, 0.36, 0.35, 0.00
HSL	359°, 100%, 82%
HSV	359°, 36%, 100%
XYZ	61.1287, 50.1710, 42.0594
YIQ	190.7360, 54.1900, 20.1260

Conversions

Conversions Part 2

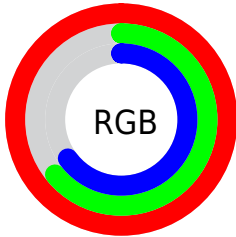
Format	Color
R_{YB}	255, 163, 165
Decimal	16753573
CIE _{Lab}	76.17, 34.29, 13.26
CIE _{LCh}	76, 36.765, 21.148
Yxy	50.1710, 0.3986, 0.3271
Android (android.graphics.Color)	4294943653 (0xFFFFA3A5)
YUV	190.7360, -12.6878, 56.3595
Hunter-Lab	70.8315, 30.0932, 14.3759

Details

The XYZ color **61.1287, 50.1710, 42.0594** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.5962, 86.3994, 105.9946**, and the grayscale version is **49.4187, 51.9924, 56.6197**.

A 20% lighter version of the original color is **79.4898, 77.0903, 78.4005**, and **31.3215, 24.0799, 18.6198** is the 20% darker color. If you saturate the color by 10%, you get **54.9955, 41.1908, 29.8838**, and if you desaturate by 10%, it is **68.6203, 61.1588, 56.8737**.

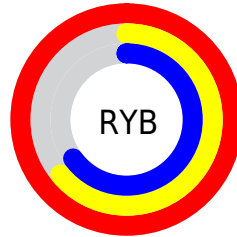
Distribution



Red (100%)

Green (64%)

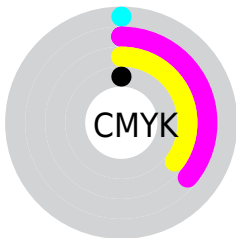
Blue (65%)



Red (100%)

Yellow (64%)

Blue (65%)

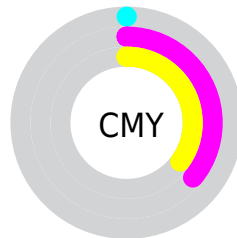


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1287, 50.1710, 42.0594 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 61.1287, 50.1710, 42.0594 by changing the saturation by 10% instead.


 61.1287, 50.1710,
42.0594


 61.1287, 50.1710,
42.0594

418.5141,
387.3343, 370.5360

 44.5820, 35.5493,
28.8219

 105.5623, 90.4282,
79.5606

 31.3282, 24.0863,
18.7017


 134.1799,
116.8324, 104.6613

 21.0019, 15.3977,
11.2803

167.5519,
147.9330, 134.5536

 13.2379, 9.0989,
6.1392

206.0435,
184.1143, 169.6558

 7.6707, 4.8058,
2.8597

250.0202,
225.7607, 210.3867

 3.9350, 2.1338,
1.0235

299.8473,

 1.6654, 0.6835,

273.2565, 257.1646

0.0000

355.8901,
326.9863, 310.4082

■ 0.4345, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1287, 50.1710,
42.0594

■ 61.1287, 50.1710,
42.0594

■ 54.9955, 41.1908,
29.8838

■ 68.6203, 61.1588,
56.8737

■ 50.1356, 34.0901,
20.1895

■ 77.5406, 74.2575,
74.4659

■ 46.4607, 28.7377,
12.8067

■ 87.9599, 89.5721,
94.9687

■ 43.8694, 24.9823,
7.5432

95.0500, 100.0000,
108.9000

■ 42.2436, 22.6471,
4.1761

■ 41.4371, 21.5126,
2.4323

■ 41.2703, 21.2721,
2.0895

Harmonies

Analogous

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



61.9988, 50.1710, 60.6719



61.1287, 50.1710, 42.0594



56.4818, 50.1710, 30.1022

Triad

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



61.1287, 50.1710, 42.0594



38.1017, 50.1710, 34.1291



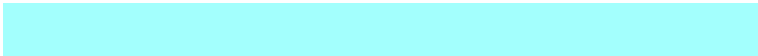
45.6778, 50.1710, 101.3044

Complementary

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



61.1287, 50.1710, 42.0594



68.5962, 86.3994, 105.9946

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.



39.8544, 50.1710, 89.7917



61.1287, 50.1710, 42.0594



35.7652, 50.1710, 48.9989

Square

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



61.1287, 50.1710, 42.0594



43.0677, 50.1710, 26.3488



36.3745, 50.1710, 69.4792



52.6233, 50.1710, 98.1649

Rectangle

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



61.1287, 50.1710, 42.0594



52.0927, 50.1710, 26.0305



36.3745, 50.1710, 69.4792



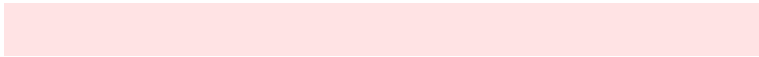
43.5351, 50.1710, 98.9349

Sweetspot

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



61.1300, 50.1734, 42.0604



82.6377, 81.7477, 84.5010



71.2692, 54.0998, 101.2937



17.3882, 17.0570, 17.4970



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.



61.1300, 50.1734, 42.0604



56.7427, 43.7474, 33.3573



69.9076, 68.0168, 44.0976



18.0254, 17.9935, 18.7507



21.5715, 11.1179, 1.1281



2.1057, 1.0847, 0.1381

Inverse Universe

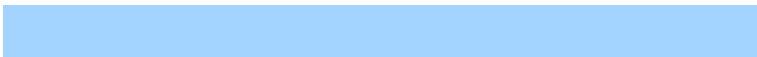
The Inverse Universe completely reimagines the original color for something new.



61.1300, 50.1734, 42.0604



56.7427, 43.7474, 33.3573



56.7166, 62.1291, 103.6106



18.0254, 17.9935, 18.7507



21.5715, 11.1179, 1.1281



2.1057, 1.0847, 0.1381

Previews

White Background



This preview shows how the XYZ color 61.1287, 50.1710, 42.0594 looks on a white background.

Color Contrast Check

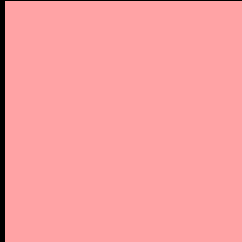
Large Text (above 18pt) WCAG AA × Fail

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 61.1287, 50.1710, 42.0594 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 61.1287, 50.1710, 42.0594

Background



This preview shows how black text looks on a background with the XYZ color 61.1287, 50.1710, 42.0594.



This preview shows how white text looks on a background with the XYZ color 61.1287, 50.1710,

42.0594.

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

61.1287, 50.1710, 42.0594

Protanopia

48.2672, 50.6501, 49.3520

Deuteranopia

51.3644, 50.2553, 41.1755



Tritanopia

61.8003, 50.1567, 46.4684

Trichromacy



Original Color

61.1287, 50.1710, 42.0594



Protanomaly

51.9818, 49.8563, 46.4186



Deuteranomaly

54.3800, 49.7394, 41.3849



Tritanomaly

61.5110, 50.0409, 44.9450

Monochromacy



Original Color

61.1287, 50.1710, 42.0594



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.6989, 50.7213, 51.2686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1287, 50.1710, 42.0594 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, 163, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 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, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 165) }
```

Border

The CSS property to change the border of an element to XYZ 61.1287, 50.1710, 42.0594 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, 163, 165) }
```


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

```
.border{ border-color:rgb(255, 163, 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, 163, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1287, 50.1710, 42.0594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 165) }
```

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

```
.background{ background-color: rgb(255,  
163, 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](#).

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