

Converting Colors

XYZ(60.8155, 50.7533, 37.0508)

Have a look what the booklet for
XYZ(60.8155, 50.7533, 37.0508)
contains.

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Color

**XYZ(60.5279, 50.5034,
37.1298)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA59A
RGB	255, 165, 154
RGB Percent	100%, 65%, 60%
CMY	0.0000, 0.3529, 0.3961
CMYK	0.00, 0.35, 0.40, 0.00
HSL	7°, 100%, 80%
HSV	7°, 40%, 100%
XYZ	60.5279, 50.5034, 37.1298
YIQ	190.6560, 57.1710, 15.6590

Conversions

Conversions Part 2

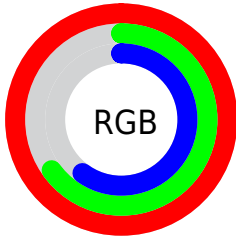
Format	Color
R _Y B	255, 166, 154
Decimal	16754074
CIE Lab	76.38, 31.99, 19.54
CIE LCh	76, 37.491, 31.417
Yxy	50.5034, 0.4085, 0.3409
Android (android.graphics.Color)	4294944154 (0xFFFFA59A)
YUV	190.6560, -18.0714, 56.4297
Hunter-Lab	71.0657, 27.6664, 18.7687

Details

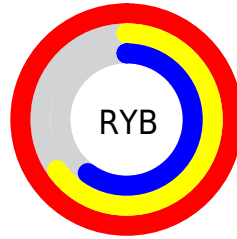
The XYZ color **60.5279, 50.5034, 37.1298** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.7256, 78.7881, 106.4566**, and the grayscale version is **49.4014, 51.9741, 56.5998**.

A 20% lighter version of the original color is **78.4816, 77.5270, 70.5023**, and **31.0073, 24.3034, 15.8887** is the 20% darker color. If you saturate the color by 10%, you get **54.8849, 42.2628, 25.8603**, and if you desaturate by 10%, it is **67.3527, 60.3854, 51.0198**.

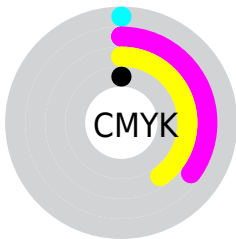
Distribution



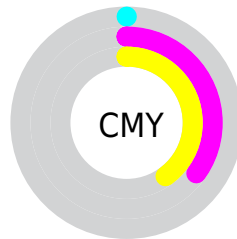
- Red (100%)
- Green (65%)
- Blue (60%)



- Red (100%)
- Yellow (65%)
- Blue (60%)



- Cyan (0%)
- Magenta (35%)
- Yellow (40%)
- Black (0%)




- Cyan (0%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5279, 50.5034, 37.1298 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 60.5279, 50.5034, 37.1298 by changing the saturation by 10% instead.

 60.5279, 50.5034,
37.1298


 60.5279, 50.5034,
37.1298


416.3445,
388.6313, 349.0577

 44.0954, 35.8135,
25.0114

 104.6971, 90.9203,
71.9609

 30.9437, 24.2902,
15.8665


 133.1644,
117.4161, 95.5108

 20.7076, 15.5491,
9.2764


166.3741,
148.6161, 123.7082

 13.0217, 9.2056,
4.8226

204.6914,
184.9045, 156.9717

 7.5206, 4.8755,
2.0867

248.4817,
226.6659, 195.7199

 3.8390, 2.1744,
0.6078

298.1105,

 1.6114, 0.7060,

274.2845, 240.3713

0.0000

353.9429,
328.1449, 291.3444

■ 0.3998, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5279, 50.5034,
37.1298

■ 60.5279, 50.5034,
37.1298

■ 54.8849, 42.2628,
25.8603

■ 67.3527, 60.3854,
51.0198

■ 50.3524, 35.5677,
17.0437

■ 75.4173, 71.9833,
67.6777

■ 46.8575, 30.3233,
10.4977

■ 84.7807, 85.3760,
87.2433

■ 44.3168, 26.4218,
6.0131

95.0500, 100.0000,
108.9000

■ 42.6335, 23.7396,
3.3421

■ 41.6770, 22.1253,
2.1027

■ 41.6502, 22.0804,
2.0667

Harmonies

Analogous

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



62.8728, 50.5034, 54.0347



60.5279, 50.5034, 37.1298



54.7856, 50.5034, 27.4528

Triad

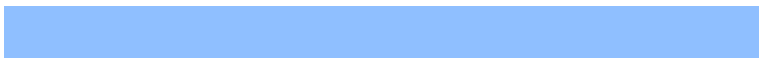
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.5279, 50.5034, 37.1298



37.0527, 50.5034, 38.4249



48.3381, 50.5034, 103.6617

Complementary

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



60.5279, 50.5034, 37.1298



63.7256, 78.7881, 106.4566

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.



41.8028, 50.5034, 96.6234



60.5279, 50.5034, 37.1298



35.6829, 50.5034, 55.9557

Square

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



60.5279, 50.5034, 37.1298



41.2753, 50.5034, 28.0617



37.3356, 50.5034, 77.8169



55.4224, 50.5034, 95.2316

Rectangle

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



60.5279, 50.5034, 37.1298



50.0541, 50.5034, 24.8360



37.3356, 50.5034, 77.8169



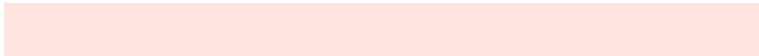
46.0067, 50.5034, 103.0176

Sweetspot

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



60.5292, 50.5059, 37.1308



82.4193, 82.0043, 82.2902



69.2620, 50.9581, 92.4916



17.3721, 17.1679, 17.0503



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.



60.5292, 50.5059, 37.1308



55.7153, 43.4810, 27.5018



71.2717, 71.9908, 40.7116



18.1687, 18.3055, 18.7201



21.8140, 11.6393, 1.0969



2.1735, 1.2324, 0.1233

Inverse Universe

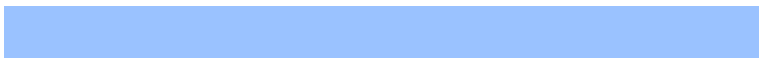
The Inverse Universe completely reimagines the original color for something new.



63.7256, 78.7881, 106.4566



59.3115, 75.4775, 106.0503



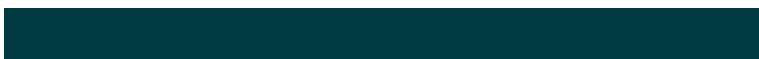
50.7578, 52.8524, 102.1340



18.3759, 20.1233, 23.1656



23.8832, 32.6760, 54.4829



2.3717, 3.2742, 5.3202

Previews

White Background



This preview shows how the XYZ color 60.5279, 50.5034, 37.1298 looks on a white background.

Color Contrast Check

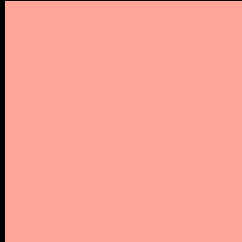
Large Text (above 18pt) WCAG AA × Fail

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 60.5279, 50.5034, 37.1298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

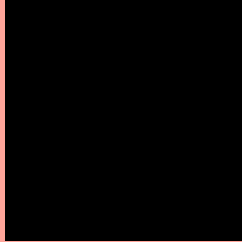
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5279, 50.5034, 37.1298

Background



This preview shows how black text looks on a background with the XYZ color 60.5279, 50.5034, 37.1298.



This preview shows how white text looks on a background with the XYZ color 60.5279, 50.5034,

37.1298.

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

60.5279, 50.5034, 37.1298

Protanopia

48.0635, 50.6888, 42.8480

Deuteranopia

51.6250, 50.4978, 36.3043



Tritanopia

62.0751, 50.5495, 47.0428

Trichromacy



Original Color

60.5279, 50.5034, 37.1298



Protanomaly

51.9677, 50.2758, 40.6834



Deuteranomaly

54.6017, 50.2506, 36.5273



Tritanomaly

61.4905, 50.6009, 43.0853

Monochromacy



Original Color

60.5279, 50.5034, 37.1298



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.4954, 50.9664, 49.1902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5279, 50.5034, 37.1298 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, 165, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 154)  
}
```

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, 165, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 154) }
```

Border

The CSS property to change the border of an element to XYZ 60.5279, 50.5034, 37.1298 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, 165, 154) }
```


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

```
.border{ border-color:rgb(255, 165, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5279, 50.5034, 37.1298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 154) }
```

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

```
.background{ background-color: rgb(255,  
165, 154) }
```

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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