

Converting Colors

XYZ(61.8580, 50.4699, 35.8533)

Have a look what the booklet for
XYZ(61.8580, 50.4699, 35.8533)
contains.

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Color

**XYZ(59.7462, 49.3350,
35.6518)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA297
RGB	255, 162, 151
RGB Percent	100%, 64%, 59%
CMY	0.0000, 0.3647, 0.4078
CMYK	0.00, 0.36, 0.41, 0.00
HSL	6°, 100%, 80%
HSV	6°, 41%, 100%
XYZ	59.7462, 49.3350, 35.6518
YIQ	188.5530, 58.9590, 16.2950

Conversions

Conversions Part 2

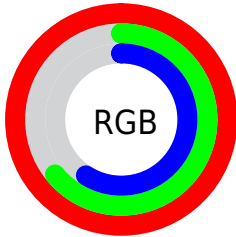
Format	Color
R _Y B	255, 163, 151
Decimal	16753303
CIE Lab	75.66, 33.23, 20.18
CIE LCh	76, 38.879, 31.275
Yxy	49.3350, 0.4128, 0.3409
Android (android.graphics.Color)	4294943383 (0xFFFFA297)
YUV	188.5530, -18.5136, 58.2740
Hunter-Lab	70.2389, 28.9166, 19.0728

Details

The XYZ color **59.7462, 49.3350, 35.6518** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.1616, 78.4973, 106.4301**, and the grayscale version is **48.1945, 50.7043, 55.2170**.

A 20% lighter version of the original color is **77.3308, 75.8106, 68.3147**, and **30.5338, 23.5931, 15.0012** is the 20% darker color. If you saturate the color by 10%, you get **54.2361, 41.2782, 24.6793**, and if you desaturate by 10%, it is **66.4350, 59.0322, 49.2277**.

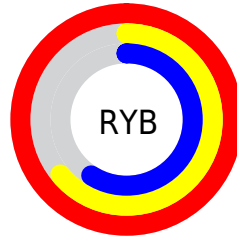
Distribution



Red (100%)

Green (64%)

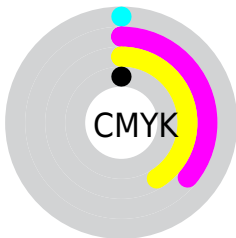
Blue (59%)



Red (100%)

Yellow (64%)

Blue (59%)

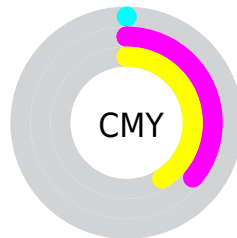


Cyan (0%)

Magenta (36%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7462, 49.3350, 35.6518 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 59.7462, 49.3350, 35.6518 by changing the saturation by 10% instead.

 59.7462, 49.3350,
35.6518


 59.7462, 49.3350,
35.6518


413.5114,
384.0597, 342.4273

 43.4628, 34.8853,
23.8778

 103.5699, 89.1888,
69.6573

 30.4445, 23.5745,
15.0317


 131.8408,
115.3617, 92.7259

 20.3259, 15.0183,
8.6947


164.8383,
146.2111, 120.3964

 12.7418, 8.8322,
4.4485

202.9277,
182.1214, 153.0874

 7.3268, 4.6319,
1.8745

246.4743,
223.4770, 191.2175

 3.7154, 2.0330,
0.4764

295.8436,

 1.5424, 0.6265,

270.6623, 235.2051

0.0000

351.4008,
324.0617, 285.4689

■ 0.3544, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7462, 49.3350,
35.6518

■ 59.7462, 49.3350,
35.6518

■ 54.2361, 41.2782,
24.6793

■ 66.4350, 59.0322,
49.2277

■ 49.8323, 34.7642,
16.1406

■ 74.3616, 70.4460,
65.5560

■ 46.4603, 29.6960,
9.8507

■ 83.5857, 83.6565,
84.7782

■ 44.0349, 25.9629,
5.5963

■ 94.1622, 98.7368,
107.0247

■ 42.4566, 23.4377, 95.0499, 100.0000,
3.1234 108.9000

■ 41.6315, 22.0431,
2.0605

Harmonies

Analogous

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



62.1377, 49.3350, 52.8398



59.7462, 49.3350, 35.6518



53.8642, 49.3350, 25.9113

Triad

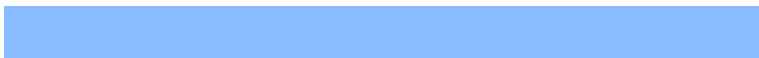
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.7462, 49.3350, 35.6518



35.7691, 49.3350, 36.8274



47.2002, 49.3350, 103.9024

Complementary

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



59.7462, 49.3350, 35.6518



63.1616, 78.4973, 106.4301

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.



40.5480, 49.3350, 96.5253



59.7462, 49.3350, 35.6518



34.3684, 49.3350, 54.6047

Square

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



59.7462, 49.3350, 35.6518



40.0655, 49.3350, 26.4578



36.0269, 49.3350, 77.0407



54.4517, 49.3350, 95.2270

Rectangle

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



59.7462, 49.3350, 35.6518



49.0228, 49.3350, 23.2866



36.0269, 49.3350, 77.0407



44.8228, 49.3350, 103.2070

Sweetspot

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



59.7475, 49.3374, 35.6528



82.3929, 81.9515, 82.2814



68.7271, 49.9617, 92.0876



17.3659, 17.1556, 17.0482



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.



59.7475, 49.3374, 35.6528



55.1361, 42.6000, 26.4533



70.7210, 71.2845, 39.3106



18.1640, 18.2962, 18.7185



21.8032, 11.6176, 1.0933



2.1714, 1.2281, 0.1226

Inverse Universe

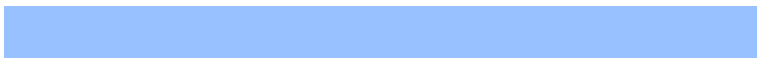
The Inverse Universe completely reimagines the original color for something new.



63.1616, 78.4973, 106.4301



58.9495, 75.3415, 106.0431



49.7945, 51.7630, 101.9744



18.3810, 20.1336, 23.1673



23.9965, 32.9026, 54.5207



2.3816, 3.2939, 5.3235

Previews

White Background



This preview shows how the XYZ color 59.7462, 49.3350, 35.6518 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 59.7462, 49.3350, 35.6518 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 59.7462, 49.3350, 35.6518

Background



This preview shows how black text looks on a background with the XYZ color 59.7462, 49.3350, 35.6518.



This preview shows how white text looks on a background with the XYZ color 59.7462, 49.3350,

35.6518.

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

59.7462, 49.3350, 35.6518

Protanopia

46.9347, 49.4979, 41.7307

Deuteranopia

50.3788, 49.2837, 34.8744



Tritanopia

61.1615, 49.3419, 44.8285

Trichromacy



Original Color

59.7462, 49.3350, 35.6518



Protanomaly

50.5954, 48.6992, 39.5341



Deuteranomaly

53.3234, 49.0460, 35.0901



Tritanomaly

60.6857, 49.4301, 41.4644

Monochromacy



Original Color

59.7462, 49.3350, 35.6518



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.2985, 49.4815, 47.4046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7462, 49.3350, 35.6518 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, 162, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 151)  
}
```

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, 162, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 151) }
```

Border

The CSS property to change the border of an element to XYZ 59.7462, 49.3350, 35.6518 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, 162, 151) }
```


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

```
.border{ border-color:rgb(255, 162, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7462, 49.3350, 35.6518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 151) }
```

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

```
.background{ background-color: rgb(255,  
162, 151) }
```

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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