

Converting Colors

XYZ(59.6705, 48.9214, 36.4348)

Have a look what the booklet for
XYZ(59.6705, 48.9214, 36.4348)
contains.

XYZ(59.7346, 49.0496, 36.4562)	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(59.7346, 49.0496,
36.4562)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA199
RGB	255, 161, 153
RGB Percent	100%, 63%, 60%
CMY	0.0000, 0.3686, 0.4000
CMYK	0.00, 0.37, 0.40, 0.00
HSL	5°, 100%, 80%
HSV	5°, 40%, 100%
XYZ	59.7346, 49.0496, 36.4562
YIQ	188.1940, 58.5920, 17.4400

Conversions

Conversions Part 2

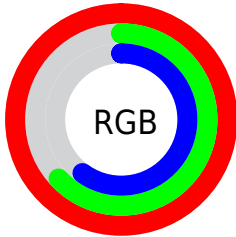
Format	Color
R _Y B	255, 162, 153
Decimal	16753049
CIE Lab	75.48, 33.96, 18.85
CIE LCh	75, 38.845, 29.029
Yxy	49.0496, 0.4113, 0.3377
Android (android.graphics.Color)	4294943129 (0xFFFFA199)
YUV	188.1940, -17.3506, 58.5889
Hunter-Lab	70.0354, 29.6842, 18.1620

Details

The XYZ color **59.7346, 49.0496, 36.4562** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.4462, 80.5105, 106.7510**, and the grayscale version is **47.9836, 50.4825, 54.9754**.

A 20% lighter version of the original color is **77.3153, 75.3907, 69.5084**, and **30.5258, 23.4202, 15.4820** is the 20% darker color. If you saturate the color by 10%, you get **54.1215, 40.8415, 25.2811**, and if you desaturate by 10%, it is **66.5719, 58.9858, 50.2606**.

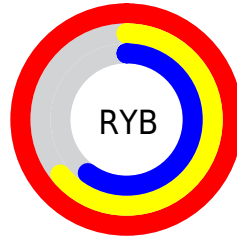
Distribution



Red (100%)

Green (63%)

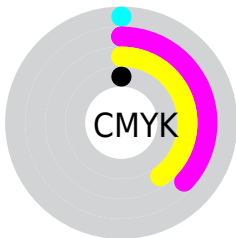
Blue (60%)



Red (100%)

Yellow (64%)

Blue (60%)

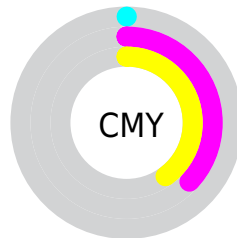


Cyan (0%)

Magenta (37%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7346, 49.0496, 36.4562 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 59.7346, 49.0496, 36.4562 by changing the saturation by 10% instead.


 59.7346, 49.0496,
36.4562


 59.7346, 49.0496,
36.4562


413.4693,
382.9376, 346.0477

 43.4534, 34.6588,
24.4943

 103.5531, 88.7651,
70.9126

 30.4371, 23.4002,
15.4851


 131.8211,
114.8586, 94.2441

 20.3203, 14.8893,
9.0101


164.8155,
145.6219, 122.2025

 12.7377, 8.7417,
4.6509

202.9015,
181.4392, 155.2064

 7.3239, 4.5731,
1.9888

246.4445,
222.6951, 193.6744

 3.7136, 1.9990,
0.5484

295.8099,

 1.5414, 0.6069,

269.7738, 238.0249

0.0000

351.3630,
323.0598, 288.6764

■ 0.3538, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7346, 49.0496,
36.4562

■ 59.7346, 49.0496,
36.4562

■ 54.1215, 40.8415,
25.2811

■ 66.5719, 58.9858,
50.2606

■ 49.6567, 34.2561,
16.5656

■ 74.6960, 70.7333,
66.8436

■ 46.2614, 29.1876,
10.1248

■ 84.1697, 84.3787,
86.3468

■ 43.8454, 25.5148,
5.7461

95.0499, 100.0000,
108.9000

■ 42.3035, 23.0977,
3.1770

■ 41.4904, 21.7608,
2.0135

■ 41.4903, 21.7608,
2.0135

Harmonies

Analogous

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



61.7975, 49.0496, 54.0779



59.7346, 49.0496, 36.4562



54.0757, 49.0496, 26.2151

Triad

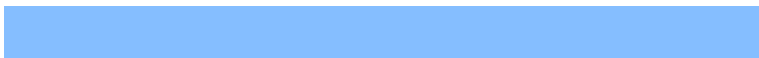
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.7346, 49.0496, 36.4562



35.7764, 49.0496, 35.5659



46.3872, 49.0496, 103.3722

Complementary

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



59.7346, 49.0496, 36.4562



64.4462, 80.5105, 106.7510

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.



39.8834, 49.0496, 94.8871



59.7346, 49.0496, 36.4562



34.1566, 49.0496, 52.7410

Square

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



59.7346, 49.0496, 36.4562



40.2489, 49.0496, 25.8013



35.5811, 49.0496, 74.9337



53.6307, 49.0496, 95.8711

Rectangle

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



59.7346, 49.0496, 36.4562



49.2917, 49.0496, 23.2801



35.5811, 49.0496, 74.9337



44.0470, 49.0496, 102.2650

Sweetspot

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



59.7359, 49.0520, 36.4571



82.1637, 81.4933, 82.2050



69.6057, 50.8326, 95.1127



17.3125, 17.0487, 17.0304



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.



59.7359, 49.0520, 36.4571



55.1498, 42.3500, 27.3133



70.2345, 70.0494, 39.9567



18.1239, 18.2160, 18.7051



21.7198, 11.4507, 1.0655



2.1524, 1.1902, 0.1163

Inverse Universe

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



64.4462, 80.5105, 106.7510



60.4314, 77.7171, 106.4236



51.1990, 54.0161, 102.3353



18.4257, 20.2230, 23.1822



25.0039, 34.9173, 54.8565



2.4693, 3.4693, 5.3528

Previews

White Background



This preview shows how the XYZ color 59.7346, 49.0496, 36.4562 looks on a white background.

Color Contrast Check

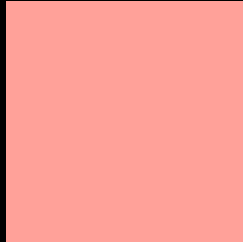
Large Text (above 18pt) WCAG AA × Fail

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 59.7346, 49.0496, 36.4562 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 59.7346, 49.0496, 36.4562

Background



This preview shows how black text looks on a background with the XYZ color 59.7346, 49.0496, 36.4562.



This preview shows how white text looks on a background with the XYZ color 59.7346, 49.0496,

36.4562.

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

59.7346, 49.0496, 36.4562

Protanopia

46.8561, 49.4365, 42.6699

Deuteranopia

50.2404, 49.1939, 35.7016



Tritanopia

60.9888, 48.9965, 44.7709

Trichromacy



Original Color

59.7346, 49.0496, 36.4562



Protanomaly

50.7704, 48.7692, 40.4557



Deuteranomaly

53.2934, 48.7283, 35.8748



Tritanomaly

60.5116, 49.0819, 41.4064

Monochromacy



Original Color

59.7346, 49.0496, 36.4562



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

50.8096, 48.9330, 47.3245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7346, 49.0496, 36.4562 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, 161, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 153)  
}
```

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, 161, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 153) }
```

Border

The CSS property to change the border of an element to XYZ 59.7346, 49.0496, 36.4562 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, 161, 153) }
```


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

```
.border{ border-color:rgb(255, 161, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7346, 49.0496, 36.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 153) }
```

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

```
.background{ background-color: rgb(255,  
161, 153) }
```

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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