

Converting Colors

XYZ(64.4249, 51.1019, 36.5622)

Have a look what the booklet for
XYZ(64.4249, 51.1019, 36.5622)
contains.

XYZ(59.5606, 48.7015, 36.3981)	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(59.5606, 48.7015,
36.3981)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA099
RGB	255, 160, 153
RGB Percent	100%, 63%, 60%
CMY	0.0000, 0.3725, 0.4000
CMYK	0.00, 0.37, 0.40, 0.00
HSL	4°, 100%, 80%
HSV	4°, 40%, 100%
XYZ	59.5606, 48.7015, 36.3981
YIQ	187.6070, 58.8670, 17.9630

Conversions

Conversions Part 2

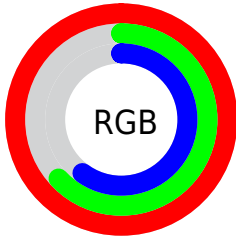
Format	Color
R_{YB}	255, 161, 153
Decimal	16752793
CIE _{Lab}	75.27, 34.48, 18.55
CIE _{LCh}	75, 39.156, 28.277
Yxy	48.7015, 0.4117, 0.3367
Android (android.graphics.Color)	4294942873 (0xFFFFA099)
YUV	187.6070, -17.0613, 59.1037
Hunter-Lab	69.7865, 30.2180, 17.9270

Details

The XYZ color **59.5606, 48.7015, 36.3981** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.7528, 81.1238, 106.8534**, and the grayscale version is **47.6485, 50.1299, 54.5915**.

A 20% lighter version of the original color is **77.0584, 74.8767, 69.4227**, and **30.4209, 23.2105, 15.4471** is the 20% darker color. If you saturate the color by 10%, you get **53.9441, 40.4865, 25.2219**, and if you desaturate by 10%, it is **66.4160, 58.6739, 50.2085**.

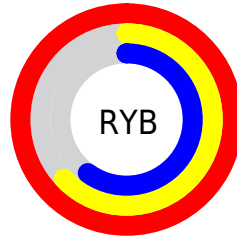
Distribution



Red (100%)

Green (63%)

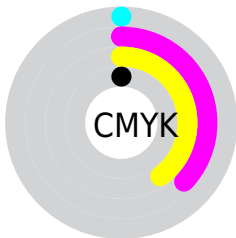
Blue (60%)



Red (100%)

Yellow (63%)

Blue (60%)

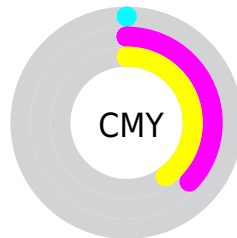


Cyan (0%)

Magenta (37%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5606, 48.7015, 36.3981 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 59.5606, 48.7015, 36.3981 by changing the saturation by 10% instead.

 59.5606, 48.7015,
36.3981

 59.5606, 48.7015,
36.3981


412.8370,
381.5660, 345.7871

 43.3127, 34.3828,
24.4497


 103.3020, 88.2480,
70.8220

 30.3261, 23.1878,
15.4523


 131.5261,
114.2444, 94.1346

 20.2355, 14.7322,
8.9873


164.4731,
144.9023, 122.0724

 12.6756, 8.6317,
4.6362

202.5082,
180.6059, 155.0538

 7.2810, 4.5017,
1.9804

245.9967,
221.7397, 193.4974

 3.6864, 1.9580,
0.5432

295.3042,

 1.5263, 0.5829,

268.6881, 237.8219

0.0000

350.7958,
321.8354, 288.4456

■ 0.3436, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5606, 48.7015,
36.3981

■ 59.5606, 48.7015,
36.3981

■ 53.9441, 40.4865,
25.2219

■ 66.4160, 58.6739,
50.2085

■ 49.4889, 33.9204,
16.5096

■ 74.5743, 70.4899,
66.8029

■ 46.1145, 28.8938,
10.0758

■ 84.0996, 84.2385,
86.3233

■ 43.7286, 25.2810,
5.7071

95.0500, 100.0000,
108.9000

■ 42.2230, 22.9366,
3.1501

■ 41.4485, 21.6771,
1.9995

■ 41.4485, 21.6770,
1.9995

Harmonies

Analogous

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



61.5257, 48.7015, 54.2270



59.5606, 48.7015, 36.3981



53.9444, 48.7015, 25.9798

Triad

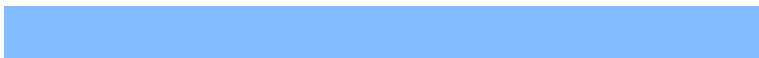
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.5606, 48.7015, 36.3981



35.4993, 48.7015, 34.8172



45.8749, 48.7015, 103.2542

Complementary

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



59.5606, 48.7015, 36.3981



64.7528, 81.1238, 106.8534

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.



39.3950, 48.7015, 94.3300



59.5606, 48.7015, 36.3981



33.8021, 48.7015, 51.8462

Square

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



59.5606, 48.7015, 36.3981



40.0451, 48.7015, 25.2470



35.1522, 48.7015, 74.0787



53.1511, 48.7015, 96.0885

Rectangle

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



59.5606, 48.7015, 36.3981



49.1550, 48.7015, 22.9440



35.1522, 48.7015, 74.0787



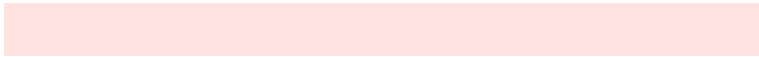
43.5372, 48.7015, 101.9996

Sweetspot

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



59.5618, 48.7039, 36.3990



82.0819, 81.3295, 82.1778



69.6058, 50.8326, 95.1128



17.2934, 17.0105, 17.0240



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.



59.5618, 48.7039, 36.3990



54.9719, 41.9942, 27.2540



70.2346, 70.0494, 39.9566



18.1095, 18.1872, 18.7003



21.6945, 11.4001, 1.0570



2.1457, 1.1767, 0.1140

Inverse Universe

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



64.7528, 81.1238, 106.8534



60.7963, 78.4470, 106.5452



51.1989, 54.0161, 102.3354



18.4418, 20.2552, 23.1876



25.3747, 35.6589, 54.9801



2.5014, 3.5336, 5.3635

Previews

White Background



This preview shows how the XYZ color 59.5606, 48.7015, 36.3981 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 59.5606, 48.7015, 36.3981 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 59.5606, 48.7015, 36.3981

Background



This preview shows how black text looks on a background with the XYZ color 59.5606, 48.7015, 36.3981.



This preview shows how white text looks on a background with the XYZ color 59.5606, 48.7015,

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

59.5606, 48.7015, 36.3981

Protanopia

46.4800, 48.9204, 43.0692

Deuteranopia

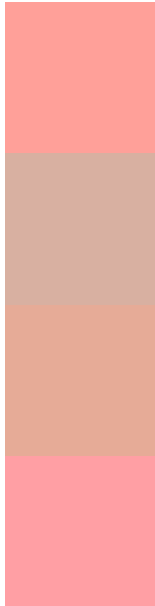
49.7443, 48.6417, 35.6211



Tritanopia

60.7226, 48.6160, 44.2136

Trichromacy



Original Color

59.5606, 48.7015, 36.3981

Protanomaly

50.2773, 48.2228, 40.3762

Deuteranomaly

52.7820, 48.1832, 35.7965

Tritanomaly

60.3390, 48.7366, 41.3489

Monochromacy



Original Color

59.5606, 48.7015, 36.3981

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 59.5606, 48.7015, 36.3981 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, 160, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 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, 160, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 153) }
```

Border

The CSS property to change the border of an element to XYZ 59.5606, 48.7015, 36.3981 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, 160, 153) }
```


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

```
.border{ border-color:rgb(255, 160, 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, 160, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5606, 48.7015, 36.3981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 153) }
```

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

```
.background{ background-color: rgb(255,  
160, 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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