

Converting Colors

XYZ(60.1273, 49.8341, 36.5897)

Have a look what the booklet for
XYZ(60.1273, 49.8341, 36.5897)
contains.

XYZ(60.0870, 49.7543, 36.5736)	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(60.0870, 49.7543,
36.5736)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA399
RGB	255, 163, 153
RGB Percent	100%, 64%, 60%
CMY	0.0000, 0.3608, 0.4000
CMYK	0.00, 0.36, 0.40, 0.00
HSL	6°, 100%, 80%
HSV	6°, 40%, 100%
XYZ	60.0870, 49.7543, 36.5736
YIQ	189.3680, 58.0420, 16.3940

Conversions

Conversions Part 2

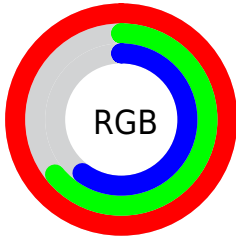
Format	Color
R_{YB}	255, 164, 153
Decimal	16753561
CIE _{Lab}	75.92, 32.93, 19.45
CIE _{LCh}	76, 38.243, 30.574
Yxy	49.7543, 0.4104, 0.3398
Android (android.graphics.Color)	4294943641 (0xFFFFA399)
YUV	189.3680, -17.9294, 57.5593
Hunter-Lab	70.5367, 28.6167, 18.6336

Details

The XYZ color **60.0870, 49.7543, 36.5736** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.8379, 79.2939, 106.5484**, and the grayscale version is **48.6579, 51.1919, 55.7480**.

A 20% lighter version of the original color is **77.8340, 76.4280, 69.6813**, and **30.7392, 23.8469, 15.5532** is the 20% darker color. If you saturate the color by 10%, you get **54.4828, 41.5640, 25.4015**, and if you desaturate by 10%, it is **66.8864, 59.6146, 50.3653**.

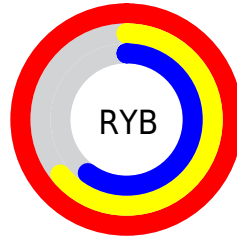
Distribution



Red (100%)

Green (64%)

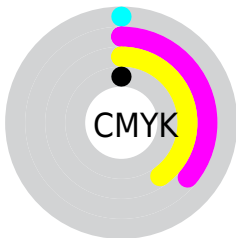
Blue (60%)



Red (100%)

Yellow (64%)

Blue (60%)

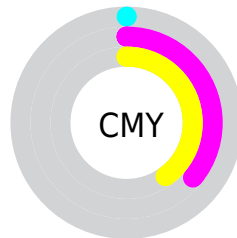


Cyan (0%)

Magenta (36%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0870, 49.7543, 36.5736 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 60.0870, 49.7543, 36.5736 by changing the saturation by 10% instead.


 60.0870, 49.7543,
36.5736


 60.0870, 49.7543,
36.5736


414.7480,
385.7043, 346.5737

 43.7385, 35.2182,
24.5843


 104.0615, 89.8107,
71.0955

 30.6620, 23.8310,
15.5514


 132.4182,
116.0999, 94.4652

 20.4922, 15.2083,
9.0564


165.5083,
147.0755, 122.4654

 12.8636, 8.9657,
4.6807

203.6972,
183.1219, 155.5147

 7.4111, 4.7188,
2.0057

247.3503,
224.6237, 194.0316

 3.7691, 2.0832,
0.5588

296.8329,

 1.5723, 0.6552,

271.9650, 238.4348

0.0000

352.5103,
325.5305, 289.1426

■ 0.3743, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0870, 49.7543,
36.5736

■ 60.0870, 49.7543,
36.5736

■ 54.4828, 41.5640,
25.4015

■ 66.8864, 59.6146,
50.3653

■ 50.0007, 34.9441,
16.6803

■ 74.9407, 71.2226,
66.9251

■ 46.5657, 29.7962,
10.2262

■ 84.3103, 84.6599,
86.3936

■ 44.0916, 26.0071,
5.8281

95.0500, 100.0000,
108.9000

■ 42.4784, 23.4474,
3.2352

■ 41.5880, 21.9559,
2.0460

■ 41.5879, 21.9559,
2.0460

Harmonies

Analogous

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



62.3474, 49.7543, 53.7817



60.0870, 49.7543, 36.5736



54.3418, 49.7543, 26.6915

Triad

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



60.0870, 49.7543, 36.5736



36.3373, 49.7543, 37.1003



47.4274, 49.7543, 103.6146

Complementary

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



60.0870, 49.7543, 36.5736



63.8379, 79.2939, 106.5484

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.



40.8762, 49.7543, 96.0157



60.0870, 49.7543, 36.5736



34.8758, 49.7543, 54.5682

Square

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



60.0870, 49.7543, 36.5736



40.6608, 49.7543, 26.9375



36.4526, 49.7543, 76.6716



54.6031, 49.7543, 95.4410

Rectangle

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



60.0870, 49.7543, 36.5736



49.5682, 49.7543, 23.9642



36.4526, 49.7543, 76.6716



45.0826, 49.7543, 102.8039

Sweetspot

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



60.0883, 49.7567, 36.5746



82.3280, 81.8217, 82.2598



69.3429, 50.7275, 93.7284



17.3508, 17.1253, 17.0432



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.



60.0883, 49.7567, 36.5746



55.5115, 43.0732, 27.4339



70.6587, 70.8976, 40.0980



18.1527, 18.2735, 18.7147



21.7776, 11.5665, 1.0847



2.1660, 1.2174, 0.1208

Inverse Universe

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



63.8379, 79.2939, 106.5484



59.7084, 76.2712, 106.1826



50.8146, 53.2474, 102.2073



18.3936, 20.1588, 23.1715



24.2774, 33.4643, 54.6143



2.4061, 3.3429, 5.3317

Previews

White Background



This preview shows how the XYZ color 60.0870, 49.7543, 36.5736 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 60.0870, 49.7543, 36.5736 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 60.0870, 49.7543, 36.5736

Background



This preview shows how black text looks on a background with the XYZ color 60.0870, 49.7543, 36.5736.



This preview shows how white text looks on a background with the XYZ color 60.0870, 49.7543,

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

60.0870, 49.7543, 36.5736

Protanopia

47.3268, 49.9930, 42.7525

Deuteranopia

51.0397, 49.9046, 35.7966



Tritanopia

61.5277, 49.7669, 45.8983

Trichromacy



Original Color

60.0870, 49.7543, 36.5736

Protanomaly

50.9687, 49.1657, 40.5218

Deuteranomaly

54.0007, 49.6623, 36.0178

Tritanomaly

61.0433, 49.8538, 42.4818

Monochromacy



Original Color

60.0870, 49.7543, 36.5736

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

51.5983, 49.9232, 47.9909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0870, 49.7543, 36.5736 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 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, 163, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 153) }
```

Border

The CSS property to change the border of an element to XYZ 60.0870, 49.7543, 36.5736 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, 153) }
```


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

```
.border{ border-color:rgb(255, 163, 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, 163, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0870, 49.7543, 36.5736 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, 153) }
```

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

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