

Converting Colors

XYZ(60.9101, 51.5323, 36.4422)

Have a look what the booklet for
XYZ(60.9101, 51.5323, 36.4422)
contains.

XYZ(60.9101, 51.5323, 36.4422)	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(60.9101, 51.5323,
36.4422)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA898
RGB	255, 168, 152
RGB Percent	100%, 66%, 60%
CMY	0.0000, 0.3411, 0.4039
CMYK	0.00, 0.34, 0.40, 0.00
HSL	9°, 100%, 80%
HSV	9°, 40%, 100%
XYZ	60.9101, 51.5323, 36.4422
YIQ	192.1890, 56.9880, 13.4680

Conversions

Conversions Part 2

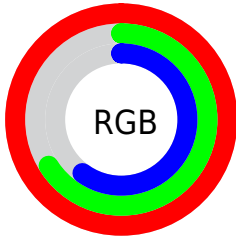
Format	Color
R _Y B	255, 171, 152
Decimal	16754840
CIE Lab	77.00, 30.21, 21.49
CIE LCh	77, 37.073, 35.418
Yxy	51.5323, 0.4091, 0.3461
Android (android.graphics.Color)	4294944920 (0xFFFFA898)
YUV	192.1890, -19.8132, 55.0852
Hunter-Lab	71.7860, 25.8309, 20.1516

Details

The XYZ color **60.9101, 51.5323, 36.4422** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.8639, 75.6251, 105.9440**, and the grayscale version is **50.3034, 52.9231, 57.6333**.

A 20% lighter version of the original color is **79.0362, 79.0275, 69.4807**, and **31.2446, 24.9368, 15.4784** is the 20% darker color. If you saturate the color by 10%, you get **55.3897, 43.4821, 25.3823**, and if you desaturate by 10%, it is **67.5407, 61.0841, 50.0881**.

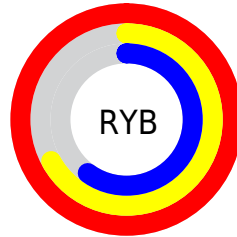
Distribution



Red (100%)

Green (66%)

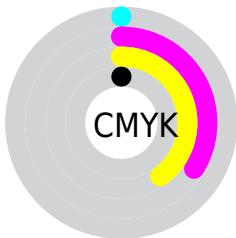
Blue (60%)



Red (100%)

Yellow (67%)

Blue (60%)

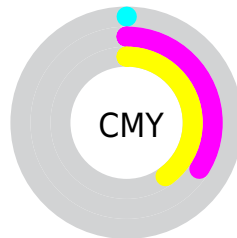


Cyan (0%)

Magenta (34%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9101, 51.5323, 36.4422 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 60.9101, 51.5323, 36.4422 by changing the saturation by 10% instead.


 60.9101, 51.5323,
36.4422


 60.9101, 51.5323,
36.4422


417.7255,
392.6284, 345.9849

 44.4049, 36.6324,
24.4835


 105.2476, 92.4411,
70.8908

 31.1882, 24.9230,
15.4772


 133.8106,
119.2188, 94.2177

 20.8947, 16.0197,
9.0046


167.1236,
150.7246, 122.1712

 13.1591, 9.5381,
4.6473

205.5519,
187.3429, 155.1697

 7.6160, 5.0938,
1.9868

249.4609,
229.4580, 193.6317

 3.8999, 2.3024,
0.5471

299.2159,

 1.6457, 0.7750,

277.4543, 237.9760

0.0000

355.1823,
331.7163, 288.6208

■ 0.4219, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9101, 51.5323,
36.4422

■ 60.9101, 51.5323,
36.4422

■ 55.3897, 43.4821,
25.3823

■ 67.5407, 61.0841,
50.0881

■ 50.9140, 36.8496,
16.7415

■ 75.3341, 72.2009,
66.4664

■ 47.4167, 31.5541,
10.3384

■ 84.3444, 84.9516,
85.7161

■ 44.8222, 27.5034,
5.9641

■ 94.6210, 99.3987,
107.9658

■ 43.0427, 24.5934,
3.3702

95.0499, 99.9999,
108.9000

■ 41.9861, 22.7524,
2.1787

Harmonies

Analogous

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



63.7923, 51.5323, 52.5148



60.9101, 51.5323, 36.4422



54.8533, 51.5323, 27.6380

Triad

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



60.9101, 51.5323, 36.4422



37.6324, 51.5323, 41.4271



50.2743, 51.5323, 104.4571

Complementary

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



60.9101, 51.5323, 36.4422



61.8639, 75.6251, 105.9440

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.



43.5415, 51.5323, 99.4640



60.9101, 51.5323, 36.4422



36.6586, 51.5323, 59.8655

Square

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



60.9101, 51.5323, 36.4422



41.5189, 51.5323, 29.9939



38.7190, 51.5323, 81.8220



57.2851, 51.5323, 94.1780

Rectangle

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



60.9101, 51.5323, 36.4422



50.0735, 51.5323, 25.5695



38.7190, 51.5323, 81.8220



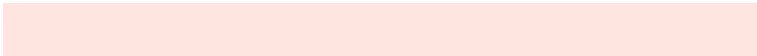
47.9023, 51.5323, 104.5320

Sweetspot

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



60.9114, 51.5348, 36.4432



82.8111, 82.7881, 82.4208



68.1297, 49.9814, 88.1445



17.4636, 17.3508, 17.0807



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.



60.9114, 51.5348, 36.4432



56.6128, 45.2759, 27.8010



72.2261, 74.1641, 40.2147



18.2372, 18.4426, 18.7429



22.0060, 12.0232, 1.1609



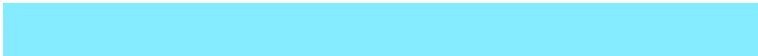
2.2057, 1.2967, 0.1340

Inverse Universe

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



61.8639, 75.6251, 105.9440



57.6494, 72.1531, 105.4962



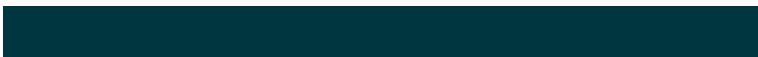
48.9932, 49.8837, 101.6538



18.3003, 19.9722, 23.1404



22.2693, 29.4481, 53.9449



2.2302, 2.9911, 5.2731

Previews

White Background



This preview shows how the XYZ color 60.9101, 51.5323, 36.4422 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 60.9101, 51.5323, 36.4422 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 60.9101, 51.5323, 36.4422

Background



This preview shows how black text looks on a background with the XYZ color 60.9101, 51.5323, 36.4422.



This preview shows how white text looks on a background with the XYZ color 60.9101, 51.5323,

36.4422.

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

60.9101, 51.5323, 36.4422

Protanopia

48.8437, 51.7506, 42.0649

Deuteranopia

52.7897, 51.7249, 35.6354



Tritanopia

62.6309, 51.3446, 48.2045

Trichromacy



Original Color

60.9101, 51.5323, 36.4422

Protanomaly

52.5012, 51.1747, 39.9115

Deuteranomaly

55.6864, 51.7050, 35.8992

Tritanomaly

61.9441, 51.3596, 43.6944

Monochromacy



Original Color

60.9101, 51.5323, 36.4422

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.8936, 51.4884, 48.7454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9101, 51.5323, 36.4422 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, 168, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 152)  
}
```

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, 168, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 152) }
```

Border

The CSS property to change the border of an element to XYZ 60.9101, 51.5323, 36.4422 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, 168, 152) }
```


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

```
.border{ border-color:rgb(255, 168, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9101, 51.5323, 36.4422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 152) }
```

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

```
.background{ background-color: rgb(255,  
168, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor