

Converting Colors

XYZ(51.3883, 42.9726, 36.1608)

Have a look what the booklet for
XYZ(51.3883, 42.9726, 36.1608)
contains.

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Color

**XYZ(51.3200, 42.9367,
36.1546)**

Conversions

Conversions Part 1

Format	Color
Hex	EA9A9A
RGB	234, 154, 154
RGB Percent	92%, 60%, 60%
CMY	0.0824, 0.3961, 0.3961
CMYK	0.00, 0.34, 0.34, 0.08
HSL	0°, 66%, 76%
HSV	0°, 34%, 92%
XYZ	51.3200, 42.9367, 36.1546
YIQ	177.9200, 47.6800, 16.9600

Conversions

Conversions Part 2

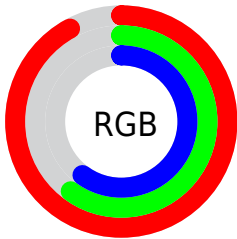
Format	Color
RYB	234, 154, 154
Decimal	15375002
CIELab	71.51, 29.94, 12.39
CIELCh	72, 32.403, 22.478
Yxy	42.9367, 0.3935, 0.3292
Android (android.graphics.Color)	4293565082 (0xFFEA9A9A)
YUV	177.9200, -11.7926, 49.1822
Hunter-Lab	65.5261, 25.1304, 13.1545

Details

The XYZ color **51.3200, 42.9367, 36.1546** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.5994, 71.6535, 88.6366**, and the grayscale version is **42.3183, 44.5222, 48.4847**.

A 20% lighter version of the original color is **75.4256, 71.4150, 69.4836**, and **25.1040, 19.7121, 15.3137** is the 20% darker color. If you saturate the color by 10%, you get **46.0651, 35.2477, 25.7069**, and if you desaturate by 10%, it is **57.7098, 52.2872, 48.8557**.

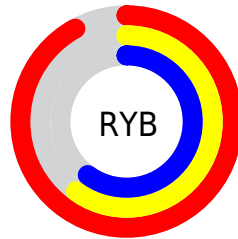
Distribution



Red (92%)

Green (60%)

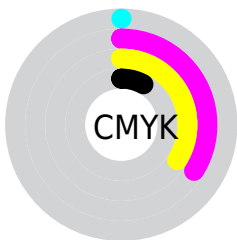
Blue (60%)



Red (92%)

Yellow (60%)

Blue (60%)

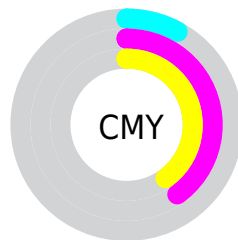


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (8%)



Cyan (8%)


Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3200, 42.9367, 36.1546 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 51.3200, 42.9367, 36.1546 by changing the saturation by 10% instead.


 51.3200, 42.9367,
36.1546


 51.3200, 42.9367,
36.1546


382.1730,
358.3514, 344.6936

 36.6854, 29.8355,
24.2630


 91.3078, 79.6153,
70.4423

 25.1366, 19.7137,
15.3148


 117.3917,
103.9615, 93.6756

 16.3081, 12.1871,
8.8916


148.0228,
132.8248, 121.5264

 9.8347, 6.8712,
4.5747

183.5664,
166.5895, 154.4134

 5.3509, 3.3817,
1.9456

224.3878,
205.6402, 192.7550

 2.4914, 1.3341,
0.5215

270.8525,

 0.8909, 0.1674,

250.3611, 236.9699

0.0000

323.3258,
301.1367, 287.4766

0.0000, 0.0000,
0.0000

51.3200, 42.9367,
36.1546

51.3200, 42.9367,
36.1546

46.0651, 35.2477,
25.7069

57.7098, 52.2872,
48.8557

41.8756, 29.1172,
17.3786

65.2917, 63.3817,
63.9284

38.6798, 24.4407,
11.0256

74.1235, 76.3050,
81.4857

36.3955, 21.0980,
6.4848

84.2578, 91.1343,
101.6327

34.9276, 18.9500,
3.5672

87.7417, 96.2324,
108.5580

■ 34.1602, 17.8269,
2.0419

■ 33.9319, 17.4927,
1.5880

Harmonies

Analogous

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



52.1499, 42.9367, 50.8057



51.3200, 42.9367, 36.1546



47.5567, 42.9367, 26.6997

Triad

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



51.3200, 42.9367, 36.1546



33.0241, 42.9367, 30.7004



39.4487, 42.9367, 83.4209

Complementary

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



51.3200, 42.9367, 36.1546



57.5994, 71.6535, 88.6366

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.



34.7337, 42.9367, 74.9398



51.3200, 42.9367, 36.1546



31.2462, 42.9367, 42.9176

Square

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



51.3200, 42.9367, 36.1546



36.9197, 42.9367, 24.0765



31.8429, 42.9367, 59.2380



44.9645, 42.9367, 80.4712

Rectangle

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



51.3200, 42.9367, 36.1546



44.0591, 42.9367, 23.5087



31.8429, 42.9367, 59.2380



37.7248, 42.9367, 81.7574

Sweetspot

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



51.3211, 42.9388, 36.1554



83.6111, 83.2617, 86.1596



60.3388, 46.5445, 83.6457



17.5792, 17.3576, 17.8115



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.



51.3211, 42.9388, 36.1554



57.7607, 45.4352, 34.7701



59.0564, 58.4094, 38.7339



15.0656, 15.0542, 15.6304



19.0679, 9.8300, 0.8924



1.4973, 0.7719, 0.0701

Inverse Universe

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



57.5994, 71.6535, 88.6366



66.4686, 85.2627, 107.5618



47.4699, 51.3945, 85.2601



15.5177, 17.1217, 19.4092



24.8774, 36.4018, 49.4580



1.9535, 2.8585, 3.8837

Previews

White Background



This preview shows how the XYZ color 51.3200, 42.9367, 36.1546 looks on a white background.

Color Contrast Check

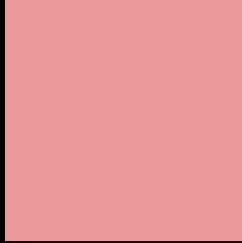
Large Text (above 18pt) WCAG AA × Fail

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 51.3200, 42.9367, 36.1546 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 51.3200, 42.9367, 36.1546

Background



This preview shows how black text looks on a background with the XYZ color 51.3200, 42.9367, 36.1546.



This preview shows how white text looks on a background with the XYZ color 51.3200, 42.9367,

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

51.3200, 42.9367, 36.1546

Protanopia

41.1776, 43.2003, 41.7655

Deuteranopia

43.8613, 43.0278, 35.2716



Tritanopia

52.1900, 42.7990, 40.6323

Trichromacy



Original Color

51.3200, 42.9367, 36.1546

Protanomaly

44.0712, 42.4900, 39.5968

Deuteranomaly

46.3835, 42.9641, 35.5540

Tritanomaly

51.9973, 42.9827, 38.8136

Monochromacy



Original Color

51.3200, 42.9367, 36.1546

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.6381, 43.2463, 43.5308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3200, 42.9367, 36.1546 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(234, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(234, 154, 154)  
}
```

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(234, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 51.3200, 42.9367, 36.1546 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(234, 154, 154) }
```


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

```
.border{ border-color:rgb(234, 154, 154) }
```

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

Here you see how a box with a 4 pixel rgb(234, 154, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(234, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3200, 42.9367, 36.1546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 154, 154) }
```

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

```
.background{ background-color: rgb(234,  
154, 154) }
```

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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