

Converting Colors

XYZ(44.6273, 38.4960, 36.2152)

Have a look what the booklet for
XYZ(44.6273, 38.4960, 36.2152)
contains.

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Color

**XYZ(44.5543, 38.4754,
36.0886)**

Conversions

Conversions Part 1

Format	Color
Hex	D6969B
RGB	214, 150, 155
RGB Percent	84%, 59%, 61%
CMY	0.1608, 0.4117, 0.3922
CMYK	0.00, 0.30, 0.28, 0.16
HSL	355°, 44%, 71%
HSV	355°, 30%, 84%
XYZ	44.5543, 38.4754, 36.0886
YIQ	169.7060, 36.5390, 15.1230

Conversions

Conversions Part 2

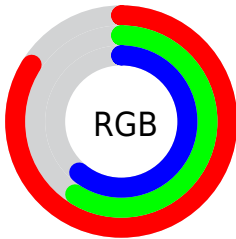
Format	Color
R_{YB}	214, 150, 155
Decimal	14063259
CIE _{Lab}	68.37, 24.75, 7.05
CIE _{LCh}	68, 25.731, 15.913
Yxy	38.4754, 0.3740, 0.3230
Android (android.graphics.Color)	4292253339 (0xFFD6969B)
YUV	169.7060, -7.2501, 38.8458
Hunter-Lab	62.0285, 19.6643, 8.9247

Details

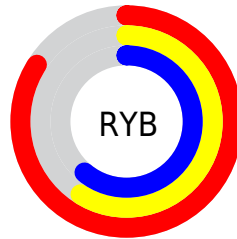
The XYZ color **44.5543, 38.4754, 36.0886** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.1345, 59.1815, 69.2108**, and the grayscale version is **38.0852, 40.0686, 43.6347**.

A 20% lighter version of the original color is **74.5799, 69.5261, 69.8107**, and **21.0611, 17.1923, 15.3051** is the 20% darker color. If you saturate the color by 10%, you get **39.9223, 31.6499, 27.0270**, and if you desaturate by 10%, it is **50.0827, 46.6600, 46.7855**.

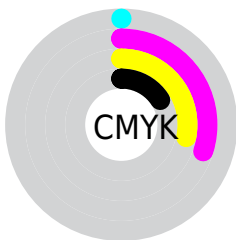
Distribution



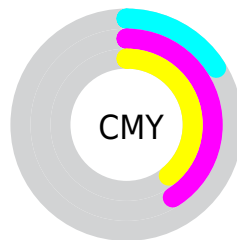
- Red (84%)
- Green (59%)
- Blue (61%)



- Red (84%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (28%)
- Black (16%)




- Cyan (16%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5543, 38.4754, 36.0886 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 44.5543, 38.4754, 36.0886 by changing the saturation by 10% instead.


 44.5543, 38.4754,
36.0886


 44.5543, 38.4754,
36.0886


355.7796,
339.6549, 344.3967

 31.3063, 26.3519,
24.2124


 81.2924, 72.8362,
70.3394

 20.9852, 17.0871,
15.2776


 105.5132, 95.8423,
93.5510

 13.2256, 10.2966,
8.8657


134.1222,
123.2447, 121.3783

 7.6621, 5.5960,
4.5580

167.4850,
155.4278, 154.2396

 3.9295, 2.6010,
1.9362

205.9667,
192.7759, 192.5536

 1.6623, 0.9272,
0.5156

249.9328,

 0.4325, 0.0000,

235.6736, 236.7387

0.0000

299.7487,
284.5051, 287.2136

■ 0.0000, 0.0000,
0.0000

■ 44.5543, 38.4754,
36.0886

■ 44.5543, 38.4754,
36.0886

■ 39.9223, 31.6499,
27.0270

■ 50.0827, 46.6600,
46.7855

■ 36.1366, 26.1048,
19.5178

■ 56.5480, 56.2659,
59.1903

■ 33.1466, 21.7618,
13.4746

■ 63.9921, 67.3582,
73.3740

■ 30.8954, 18.5318,
8.8013

■ 72.4533, 79.9961,
89.4030

■ 29.3182, 16.3133,
5.3905

■ 81.3248, 92.9494,
107.1258

■ 28.3391, 14.9863,
3.1185

■ 81.5416, 93.0362,
108.2678

■ 27.8342, 14.3408,
1.8270

■ 27.8305, 14.3357,
1.8186

Harmonies

Analogous

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



44.6274, 38.4754, 47.5404



44.5543, 38.4754, 36.0886



42.2407, 38.4754, 27.8676

Triad

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



44.5543, 38.4754, 36.0886



31.2725, 38.4754, 28.2512



34.7127, 38.4754, 67.3672

Complementary

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



44.5543, 38.4754, 36.0886



48.1345, 59.1815, 69.2108

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.



31.4304, 38.4754, 59.9766



44.5543, 38.4754, 36.0886



29.5455, 38.4754, 36.7118

Square

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



44.5543, 38.4754, 36.0886



34.4824, 38.4754, 23.9443



29.6010, 38.4754, 48.2890



38.7396, 38.4754, 67.1158

Rectangle

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



44.5543, 38.4754, 36.0886



39.8302, 38.4754, 24.6985



29.6010, 38.4754, 48.2890



33.4922, 38.4754, 65.6428

Sweetspot

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



44.5553, 38.4772, 36.0894



84.9392, 84.9328, 89.6395



49.2453, 40.1763, 68.7778



17.8551, 17.6950, 18.5646



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.



44.5553, 38.4772, 36.0894



61.6631, 50.4416, 44.6983



48.8941, 47.8124, 35.5082



12.4622, 12.4364, 13.1082



16.8368, 8.6710, 1.1786



1.0295, 0.5286, 0.1449

Inverse Universe

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



44.5553, 38.4772, 36.0894



61.6631, 50.4416, 44.6983



42.5580, 47.0229, 70.4518



12.4622, 12.4364, 13.1082



16.8368, 8.6710, 1.1786



1.0295, 0.5286, 0.1449

Previews

White Background



This preview shows how the XYZ color 44.5543, 38.4754, 36.0886 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 44.5543, 38.4754, 36.0886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

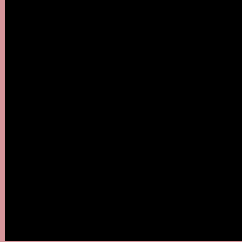
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.5543, 38.4754, 36.0886

Background



This preview shows how black text looks on a background with the XYZ color 44.5543, 38.4754, 36.0886.



This preview shows how white text looks on a background with the XYZ color 44.5543, 38.4754,

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

44.5543, 38.4754, 36.0886

Protanopia

37.1316, 38.6107, 40.6175

Deuteranopia

39.2337, 38.4810, 35.4967



Tritanopia

45.2048, 38.5152, 38.7698

Trichromacy



Original Color

44.5543, 38.4754, 36.0886

Protanomaly

39.4973, 38.2796, 39.0252

Deuteranomaly

40.9157, 38.3174, 35.8113

Tritanomaly

45.0298, 38.4452, 37.8482

Monochromacy



Original Color

44.5543, 38.4754, 36.0886

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.1384, 39.3501, 41.0771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5543, 38.4754, 36.0886 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(214, 150, 155)` looks like.

```
.text, #text, p{  
    color:rgb(214, 150, 155)  
}
```

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(214, 150, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 150, 155) }
```

Border

The CSS property to change the border of an element to XYZ 44.5543, 38.4754, 36.0886 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(214, 150, 155) }
```


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

```
.border{ border-color:rgb(214, 150, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 150, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 150, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 150, 155);  
box-shadow:4px 4px 4px 4px rgb(214, 150,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5543, 38.4754, 36.0886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 150, 155) }
```

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

```
.background{ background-color: rgb(214,  
150, 155) }
```

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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