

Converting Colors

XYZ(44.3900, 38.6699, 35.9785)

Have a look what the booklet for
XYZ(44.3900, 38.6699, 35.9785)
contains.

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Color

**XYZ(44.4236, 38.6459,
36.1284)**

Conversions

Conversions Part 1

Format	Color
Hex	D5979B
RGB	213, 151, 155
RGB Percent	84%, 59%, 61%
CMY	0.1647, 0.4078, 0.3922
CMYK	0.00, 0.29, 0.27, 0.16
HSL	356°, 42%, 71%
HSV	356°, 29%, 84%
XYZ	44.4236, 38.6459, 36.1284
YIQ	169.9940, 35.6680, 14.3880

Conversions

Conversions Part 2

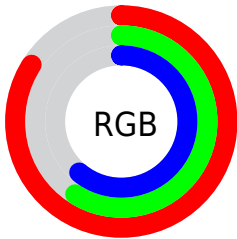
Format	Color
R _Y B	213, 151, 155
Decimal	13997979
CIE Lab	68.49, 23.83, 7.22
CIE LCh	68, 24.898, 16.854
Yxy	38.6459, 0.3727, 0.3242
Android (android.graphics.Color)	4292188059 (0xFFD5979B)
YUV	169.9940, -7.3920, 37.7163
Hunter-Lab	62.1658, 18.7656, 9.0590

Details

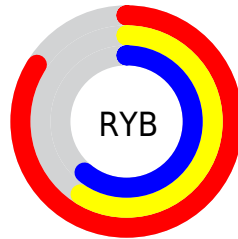
The XYZ color **44.4236, 38.6459, 36.1284** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.0670, 58.7722, 69.1353**, and the grayscale version is **38.2296, 40.2205, 43.8002**.

A 20% lighter version of the original color is **74.8199, 70.0061, 69.8907**, and **20.9605, 17.2819, 15.3277** is the 20% darker color. If you saturate the color by 10%, you get **39.7626, 31.7845, 26.9883**, and if you desaturate by 10%, it is **49.9822, 46.8599, 46.9311**.

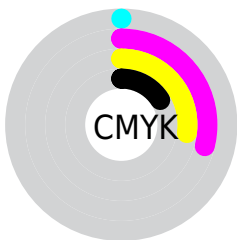
Distribution



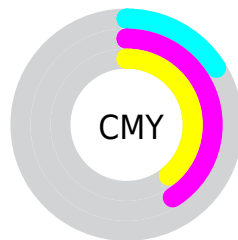
- Red (84%)
- Green (59%)
- Blue (61%)



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



- Cyan (0%)
- Magenta (29%)
- Yellow (27%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4236, 38.6459, 36.1284 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 44.4236, 38.6459, 36.1284 by changing the saturation by 10% instead.

■ 44.4236, 38.6459,
36.1284

■ 44.4236, 38.6459,
36.1284

355.2572,
340.3827, 344.5758

■ 31.2030, 26.4844,
24.2429

■ 81.0972, 73.0971,
70.4015

■ 20.9061, 17.1864,
15.3000

■ 105.2809, 96.1555,
93.6261

■ 13.1674, 10.3674,
8.8813

133.8497,
123.6150, 121.4676

■ 7.6217, 5.6433,
4.5681

167.1689,
155.8600, 154.3444

■ 3.9036, 2.6294,
1.9419

205.6039,
193.2749, 192.6751

■ 1.6478, 0.9415,
0.5192

249.5200,

■ 0.4232, 0.0000,

236.2440, 236.8782

0.0000

299.2827,
285.1518, 287.3722

■ 0.0000, 0.0000,
0.0000

■ 44.4236, 38.6459,
36.1284

■ 44.4236, 38.6459,
36.1284

■ 39.7626, 31.7845,
26.9883

■ 49.9822, 46.8599,
46.9311

■ 35.9491, 26.1982,
19.4260

■ 56.4788, 56.4879,
59.4706

■ 32.9330, 21.8099,
13.3529

■ 63.9549, 67.5941,
73.8198

■ 30.6576, 18.5319,
8.6704

■ 72.4488, 80.2369,
90.0464

■ 29.0587, 16.2648,
5.2684

■ 81.1923, 92.8628,
107.9467

■ 28.0611, 14.8911,
3.0197

■ 81.2507, 92.8862,
108.2542

■ 27.5513, 14.2235,
1.7646

■ 27.5181, 14.1772,
1.6920

Harmonies

Analogous

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



44.5669, 38.6459, 47.1790



44.4236, 38.6459, 36.1284



42.1282, 38.6459, 28.2187

Triad

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



44.4236, 38.6459, 36.1284



31.5049, 38.6459, 28.9817



35.0449, 38.6459, 66.7791

Complementary

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



44.4236, 38.6459, 36.1284



48.0670, 58.7722, 69.1353

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.



31.8171, 38.6459, 59.8647



44.4236, 38.6459, 36.1284



29.8733, 38.6459, 37.3601

Square

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



44.4236, 38.6459, 36.1284



34.5906, 38.6459, 24.6237



29.9834, 38.6459, 48.6492



38.9595, 38.6459, 66.2888

Rectangle

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



44.4236, 38.6459, 36.1284



39.7733, 38.6459, 25.1948



29.9834, 38.6459, 48.6492



33.8494, 38.6459, 65.1982

Sweetspot

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



44.4246, 38.6477, 36.1292



84.8944, 84.9149, 89.4036



49.3347, 40.4750, 68.1633



17.8442, 17.6906, 18.5071



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.



44.4246, 38.6477, 36.1292



62.2295, 51.4011, 45.4213



48.9215, 48.1698, 35.9997



12.4554, 12.4337, 13.0724



16.8224, 8.6653, 1.1029



1.0263, 0.5273, 0.1279

Inverse Universe

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



44.4246, 38.6477, 36.1292



62.2295, 51.4011, 45.4213



42.3613, 46.5590, 69.7052



12.4554, 12.4337, 13.0724



16.8224, 8.6653, 1.1029



1.0263, 0.5273, 0.1279

Previews

White Background



This preview shows how the XYZ color 44.4236, 38.6459, 36.1284 looks on a white background.

Color Contrast Check

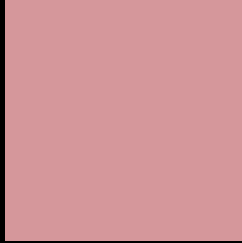
Large Text (above 18pt) WCAG AA × Fail

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 44.4236, 38.6459, 36.1284 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 44.4236, 38.6459, 36.1284

Background



This preview shows how black text looks on a background with the XYZ color 44.4236, 38.6459, 36.1284.



This preview shows how white text looks on a background with the XYZ color 44.4236, 38.6459,

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

44.4236, 38.6459, 36.1284

Protanopia

37.3141, 38.9757, 40.6784

Deuteranopia

39.4809, 38.6085, 35.5083



Tritanopia

45.0709, 38.6820, 38.8091

Trichromacy



Original Color

44.4236, 38.6459, 36.1284

Protanomaly

39.4276, 38.5021, 39.0718

Deuteranomaly

41.1784, 38.4528, 35.8236

Tritanomaly

44.8959, 38.6120, 37.8875

Monochromacy



Original Color

44.4236, 38.6459, 36.1284

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 44.4236, 38.6459, 36.1284 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(213, 151, 155)` looks like.

```
.text, #text, p{  
    color:rgb(213, 151, 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(213, 151, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 151, 155) }
```

Border

The CSS property to change the border of an element to XYZ 44.4236, 38.6459, 36.1284 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(213, 151, 155) }
```


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

```
.border{ border-color:rgb(213, 151, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 151, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 151, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 151, 155);  
box-shadow:4px 4px 4px 4px rgb(213, 151,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4236, 38.6459, 36.1284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 151, 155) }
```

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

```
.background{ background-color: rgb(213,  
151, 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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