

Converting Colors

XYZ(45.5393, 36.4352, 35.6499)

Have a look what the booklet for
XYZ(45.5393, 36.4352, 35.6499)
contains.

XYZ(45.5804, 36.5198, 35.6570)	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(45.5804, 36.5198,
35.6570)**

Conversions

Conversions Part 1

Format	Color
Hex	DF8B9B
RGB	223, 139, 155
RGB Percent	87%, 55%, 61%
CMY	0.1255, 0.4549, 0.3922
CMYK	0.00, 0.38, 0.30, 0.13
HSL	349°, 57%, 71%
HSV	349°, 38%, 87%
XYZ	45.5804, 36.5198, 35.6570
YIQ	165.9400, 44.9280, 22.7840

Conversions

Conversions Part 2

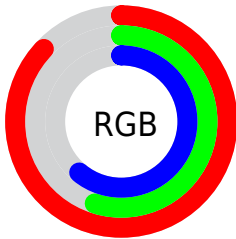
Format	Color
R _Y B	223, 139, 155
Decimal	14650267
CIE Lab	66.92, 33.97, 5.10
CIE LCh	67, 34.354, 8.540
Yxy	36.5198, 0.3871, 0.3101
Android (android.graphics.Color)	4292840347 (0xFFDF8B9B)
YUV	165.9400, -5.3934, 50.0416
Hunter-Lab	60.4316, 28.8779, 7.3187

Details

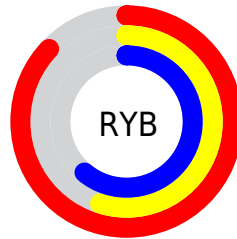
The XYZ color **45.5804, 36.5198, 35.6570** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.2993, 62.7701, 68.6050**, and the grayscale version is **36.2275, 38.1141, 41.5063**.

A 20% lighter version of the original color is **72.0404, 64.4470, 68.9642**, and **21.6328, 15.9229, 15.0299** is the 20% darker color. If you saturate the color by 10%, you get **41.2701, 30.1468, 27.2909**, and if you desaturate by 10%, it is **50.7779, 44.3041, 45.4380**.

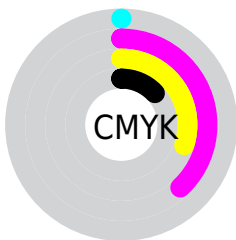
Distribution



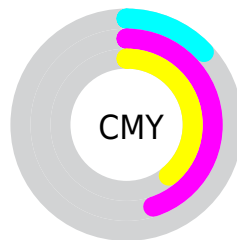
- Red (87%)
- Green (55%)
- Blue (61%)



- Red (87%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (38%)
- Yellow (30%)
- Black (13%)





- Cyan (13%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5804, 36.5198, 35.6570 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 45.5804, 36.5198, 35.6570 by changing the saturation by 10% instead.

 45.5804, 36.5198,
35.6570


 45.5804, 36.5198,
35.6570


359.8634,
331.2268, 342.4508


 32.1181, 24.8359,
23.8818


 82.8224, 69.8336,
69.6654

 21.6077, 15.9548,
15.0346


 107.3328, 92.2323,
92.7357

 13.6839, 9.4922,
8.6968

 136.2565,
118.9714, 120.4081

 7.9814, 5.0636,
4.4498

169.9590,
150.4354, 153.1012

 4.1347, 2.2846,
1.8752

208.8056,
187.0085, 191.2334

 1.7786, 0.7656,
0.4769

253.1616,

 0.5047, 0.0000,

229.0751, 235.2234

0.0000

303.3924,
277.0198, 285.4897

■ 0.0000, 0.0000,
0.0000

■ 45.5804, 36.5198,
35.6570

■ 45.5804, 36.5198,
35.6570

■ 41.2701, 30.1468,
27.2909

■ 50.7779, 44.3041,
45.4380

■ 37.7937, 25.0952,
20.2713

■ 56.9060, 53.5719,
56.6936

■ 35.0968, 21.2729,
14.5273

■ 64.0087, 64.3968,
69.4825

■ 33.1169, 18.5739,
9.9803

■ 72.1263, 76.8462,
83.8598

■ 31.7815, 16.8738,
6.5426

■ 81.2969, 90.9831,
99.8777

■ 30.9946, 16.0037,
4.1110

■ 84.2414, 94.4280,
108.3942

■ 30.8577, 15.8585,
3.6690

Harmonies

Analogous

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



44.8849, 36.5198, 51.2008



45.5804, 36.5198, 35.6570



43.1437, 36.5198, 24.4435

Triad

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



45.5804, 36.5198, 35.6570



28.8404, 36.5198, 21.2919



31.1762, 36.5198, 72.8550

Complementary

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



45.5804, 36.5198, 35.6570



48.2993, 62.7701, 68.6050

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.



27.4556, 36.5198, 60.4328



45.5804, 36.5198, 35.6570



26.2038, 36.5198, 30.1710

Square

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



45.5804, 36.5198, 35.6570



33.2457, 36.5198, 17.6182



25.7234, 36.5198, 44.1745



36.2187, 36.5198, 75.3836

Rectangle

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



45.5804, 36.5198, 35.6570



40.2015, 36.5198, 19.9809



25.7234, 36.5198, 44.1745



29.7446, 36.5198, 69.5718

Sweetspot

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



45.5814, 36.5216, 35.6577



83.3024, 82.0136, 88.0009



48.0623, 36.9453, 74.4100



17.5452, 17.1198, 18.3236



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.



45.5814, 36.5216, 35.6577



57.1853, 42.7016, 39.4580



48.4041, 44.1763, 30.4041



13.8133, 13.7430, 14.7873



18.1748, 9.3369, 2.3206



1.2908, 0.6596, 0.3242

Inverse Universe

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



45.5814, 36.5216, 35.6577



57.1853, 42.7016, 39.4580



44.1166, 51.1148, 77.3530



13.8133, 13.7430, 14.7873



18.1748, 9.3369, 2.3206



1.2908, 0.6596, 0.3242

Previews

White Background



This preview shows how the XYZ color 45.5804, 36.5198, 35.6570 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 45.5804, 36.5198, 35.6570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

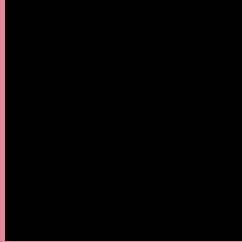
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5804, 36.5198, 35.6570

Background



This preview shows how black text looks on a background with the XYZ color 45.5804, 36.5198, 35.6570.



This preview shows how white text looks on a background with the XYZ color 45.5804, 36.5198,

35.6570.

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

45.5804, 36.5198, 35.6570

Protanopia

35.5053, 36.6671, 42.2519

Deuteranopia

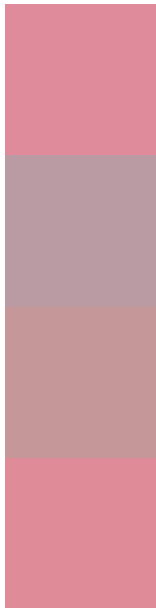
37.4228, 36.7880, 34.8342



Tritanopia

45.3145, 36.6462, 33.5392

Trichromacy



Original Color

45.5804, 36.5198, 35.6570

Protanomaly

38.4162, 36.1946, 39.6118

Deuteranomaly

40.1051, 36.4389, 35.0566

Tritanomaly

45.4770, 36.7111, 34.3948

Monochromacy



Original Color

45.5804, 36.5198, 35.6570

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.9036, 36.9504, 39.2641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5804, 36.5198, 35.6570 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(223, 139, 155)` looks like.

```
.text, #text, p{  
    color:rgb(223, 139, 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(223, 139, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 139, 155) }
```

Border

The CSS property to change the border of an element to XYZ 45.5804, 36.5198, 35.6570 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(223, 139, 155) }
```


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

```
.border{ border-color:rgb(223, 139, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 139, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 139, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 139, 155);  
box-shadow:4px 4px 4px 4px rgb(223, 139,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5804, 36.5198, 35.6570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 139, 155) }
```

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

```
.background{ background-color: rgb(223,  
139, 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](#).

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