

Converting Colors

XYZ(45.0470, 39.3563, 35.1461)

Have a look what the booklet for
XYZ(45.0470, 39.3563, 35.1461)
contains.

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Color

**XYZ(45.1653, 39.5294,
35.3865)**

Conversions

Conversions Part 1

Format	Color
Hex	D79999
RGB	215, 153, 153
RGB Percent	84%, 60%, 60%
CMY	0.1569, 0.4000, 0.4000
CMYK	0.00, 0.29, 0.29, 0.16
HSL	0°, 44%, 72%
HSV	0°, 29%, 84%
XYZ	45.1653, 39.5294, 35.3865
YIQ	171.5380, 36.9520, 13.1440

Conversions

Conversions Part 2

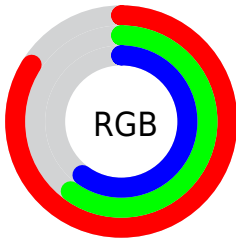
Format	Color
R _Y B	215, 153, 153
Decimal	14129561
CIE Lab	69.13, 23.22, 9.27
CIE LCh	69, 25.005, 21.772
Yxy	39.5294, 0.3761, 0.3292
Android (android.graphics.Color)	4292319641 (0xFFD79999)
YUV	171.5380, -9.1392, 38.1162
Hunter-Lab	62.8724, 18.2013, 10.6405

Details

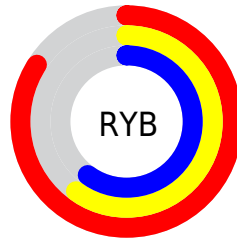
The XYZ color **45.1653, 39.5294, 35.3865** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.7023, 60.2776, 73.3052**, and the grayscale version is **39.0118, 41.0435, 44.6963**.

A 20% lighter version of the original color is **75.0584, 70.8767, 68.7561**, and **21.3500, 17.6376, 14.8495** is the 20% darker color. If you saturate the color by 10%, you get **40.3397, 32.4685, 25.7922**, and if you desaturate by 10%, it is **50.9469, 47.9899, 46.8789**.

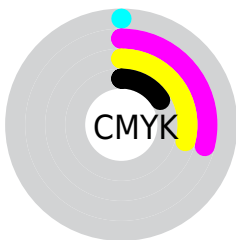
Distribution



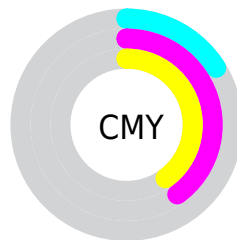
- Red (84%)
- Green (60%)
- Blue (60%)



- Red (84%)
- Yellow (60%)
- Blue (60%)



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





- Cyan (16%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1653, 39.5294, 35.3865 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 45.1653, 39.5294, 35.3865 by changing the saturation by 10% instead.


 45.1653, 39.5294,
35.3865


 45.1653, 39.5294,
35.3865


358.2151,
344.1361, 341.2270

 31.7895, 27.1718,
23.6748


 82.2039, 74.4464,
69.2424

 21.3555, 17.7023,
14.8826


 106.5975, 97.7745,
92.2238

 13.4981, 10.7365,
8.5913

135.3943,
125.5284, 119.7987

 7.8518, 5.8899,
4.3824

168.9598,
158.0922, 152.3859

 4.0512, 2.7783,
1.8374

207.6592,
195.8505, 190.4037

 1.7312, 1.0171,
0.4525

251.8580,

 0.4757, 0.0000,

239.1877, 234.2708

0.0000

301.9215,
288.4881, 284.4058

0.0000, 0.0000,
0.0000

45.1653, 39.5294,
35.3865

45.1653, 39.5294,
35.3865

40.3397, 32.4685,
25.7922

50.9469, 47.9899,
46.8789

36.4157, 26.7265,
17.9916

57.7288, 57.9137,
60.3611

33.3384, 22.2234,
11.8742

65.5563, 69.3674,
75.9221

31.0453, 18.8680,
7.3160

74.4710, 82.4120,
93.6444

29.4658, 16.5566,
4.1762

81.8344, 93.1871,
108.2815

■ 28.5162, 15.1669,
2.2887

■ 28.0654, 14.5072,
1.3928

■ 28.0245, 14.4474,
1.3116

Harmonies

Analogous

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



45.6974, 39.5294, 46.2663



45.1653, 39.5294, 35.3865



42.5276, 39.5294, 27.9702

Triad

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



45.1653, 39.5294, 35.3865



31.8551, 39.5294, 30.8136



36.4830, 39.5294, 68.6884

Complementary

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



45.1653, 39.5294, 35.3865



49.7023, 60.2776, 73.3052

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.



33.0163, 39.5294, 62.7364



45.1653, 39.5294, 35.3865



30.4710, 39.5294, 39.9688

Square

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



45.1653, 39.5294, 35.3865



34.7940, 39.5294, 25.6742



30.8805, 39.5294, 51.7262



40.4930, 39.5294, 66.8711

Rectangle

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



45.1653, 39.5294, 35.3865



40.0256, 39.5294, 25.3459



30.8805, 39.5294, 51.7262



35.2198, 39.5294, 67.4972

Sweetspot

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



45.1664, 39.5313, 35.3873



84.6837, 84.8313, 88.2919



51.6816, 42.1363, 69.6993



17.7929, 17.6702, 18.2363



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.



45.1664, 39.5313, 35.3873



61.6919, 51.1878, 42.5850



50.9149, 51.0283, 37.3035



12.4234, 12.4210, 12.9034



16.7621, 8.6413, 0.7845



1.0110, 0.5213, 0.0473

Inverse Universe

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



49.7023, 60.2776, 73.3052



69.4816, 86.8162, 107.7029



42.5435, 45.9600, 70.9190



12.7922, 14.1078, 15.9864



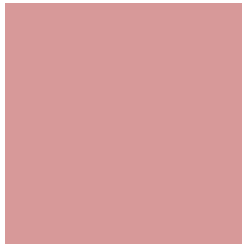
21.8688, 31.9994, 43.4771



1.3190, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 45.1653, 39.5294, 35.3865 looks on a white background.

Color Contrast Check

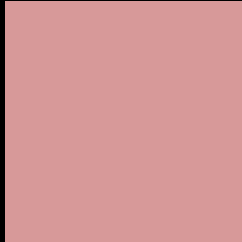
Large Text (above 18pt) WCAG AA × Fail

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 45.1653, 39.5294, 35.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

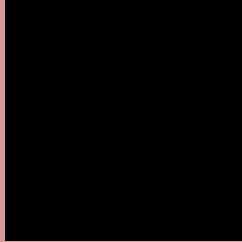
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1653, 39.5294, 35.3865

Background



This preview shows how black text looks on a background with the XYZ color 45.1653, 39.5294, 35.3865.



This preview shows how white text looks on a background with the XYZ color 45.1653, 39.5294,

35.3865.

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

45.1653, 39.5294, 35.3865

Protanopia

37.8912, 39.5771, 39.3603

Deuteranopia

40.4213, 39.6352, 34.7981



Tritanopia

45.9964, 39.3765, 39.8265

Trichromacy



Original Color

45.1653, 39.5294, 35.3865

Protanomaly

40.2550, 39.4818, 37.8468

Deuteranomaly

41.8851, 39.3426, 35.0921

Tritanomaly

45.8051, 39.5586, 38.0223

Monochromacy



Original Color

45.1653, 39.5294, 35.3865

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.9857, 40.3182, 41.2193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1653, 39.5294, 35.3865 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(215, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(215, 153, 153)  
}
```

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(215, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 153, 153) }
```

Border

The CSS property to change the border of an element to XYZ 45.1653, 39.5294, 35.3865 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(215, 153, 153) }
```


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

```
.border{ border-color:rgb(215, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(215, 153,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1653, 39.5294, 35.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 153, 153) }
```

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

```
.background{ background-color: rgb(215,  
153, 153) }
```

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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