

# Converting Colors

XYZ(35.5139, 35.6095, 43.5296)

Have a look what the booklet for  
XYZ(35.5139, 35.6095, 43.5296)  
contains.

<b>XYZ(35.5139, 35.6095, 43.5296)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**XYZ(35.5139, 35.6095,  
43.5296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A79EAB
RGB	167, 158, 171
RGB Percent	65%, 62%, 67%
CMY	0.3451, 0.3804, 0.3294
CMYK	0.02, 0.08, 0.00, 0.33
HSL	282°, 7%, 65%
HSV	282°, 8%, 67%
XYZ	35.5139, 35.6095, 43.5296
YIQ	162.1730, 1.1910, 5.9510

# Conversions

## Conversions Part 2

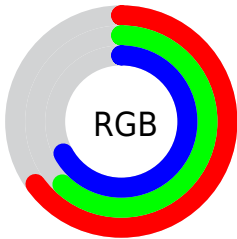
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 158, 171
Decimal	10985131
CIELab	66.22, 5.73, -5.58
CIELCh	66, 7.994, 315.781
Yxy	35.6095, 0.3098, 0.3106
Android (android.graphics.Color)	4289175211 (0xFFA79EAB)
YUV	162.1730, 4.3517, 4.2333
Hunter-Lab	59.6737, 1.8026, -1.4781

# Details

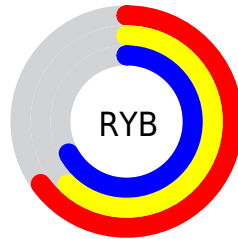
The XYZ color **35.5139, 35.6095, 43.5296** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.6361, 39.2768, 38.0525**, and the grayscale version is **34.4044, 36.1962, 39.4176**.

A 20% lighter version of the original color is **67.6459, 68.6091, 81.6291**, and **15.6577, 15.4921, 19.6178** is the 20% darker color. If you saturate the color by 10%, you get **31.7088, 29.6158, 42.5738**, and if you desaturate by 10%, it is **39.7722, 42.4413, 44.6244**.

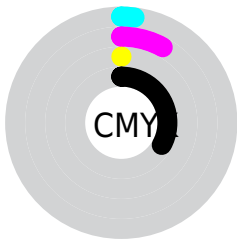
# Distribution



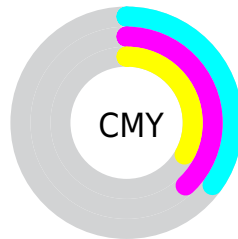
- Red (65%)
- Green (62%)
- Blue (67%)



- Red (65%)
- Yellow (62%)
- Blue (67%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (38%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5139, 35.6095, 43.5296 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 35.5139, 35.6095, 43.5296 by changing the saturation by 10% instead.



■ 35.5139, 35.6095,  
43.5296

■ 35.5139, 35.6095,  
43.5296

318.2993,  
327.2505, 376.7702

■ 24.2274, 24.1328,  
29.9664

■ 67.6099, 68.4289,  
81.8044

■ 15.6280, 15.4321,  
19.5612

■ 89.1501, 90.5404,  
107.3530

■ 9.3505, 9.1232,  
11.8956

114.8389,  
116.9655, 137.7338

■ 5.0294, 4.8216,  
6.5510

145.0416,  
148.0888, 173.3654

■ 2.2995, 2.1430,  
3.1087

180.1237,  
184.2945, 214.6663

■ 0.7944, 0.6886,  
1.1504

220.4504,

■ 0.0000, 0.0000,

225.9671, 262.0551

0.0000

266.3872,  
273.4910, 315.9502

■ 35.5139, 35.6095,  
43.5296

■ 35.5139, 35.6095,  
43.5296

■ 31.7088, 29.6158,  
42.5738

■ 39.7722, 42.4413,  
44.6244

■ 28.3365, 24.4220,  
41.7490

■ 44.4969, 50.1384,  
45.8610

■ 25.3798, 19.9938,  
41.0501

■ 49.7043, 58.7321,  
47.2453

■ 22.8189, 16.2924,  
40.4707

■ 55.4090, 68.2512,  
48.7820

■ 20.6324, 13.2759,  
40.0036

■ 61.6250, 78.7227,  
50.4756

■ 18.7965, 10.8975,  
39.6413

■ 66.5518, 86.5446,  
51.7257

■ 17.2846, 9.1048,  
39.3750

■ 67.9686, 87.2750,  
51.7920

■ 16.0657, 7.8366,  
39.1945

■ 69.4341, 88.0305,  
51.8606

■ 15.0910, 6.9966,  
39.0837

■ 70.9488, 88.8113,  
51.9315

# Harmonies

## Analogous

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



34.4725, 35.6095, 45.4337



35.5139, 35.6095, 43.5296



36.1149, 35.6095, 40.4064

# Triad

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



35.5139, 35.6095, 43.5296



34.4115, 35.6095, 32.7554



31.6892, 35.6095, 40.5841

# Complementary

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



35.5139, 35.6095, 43.5296



35.6361, 39.2768, 38.0525

# 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.



31.6737, 35.6095, 37.1837



35.5139, 35.6095, 43.5296



33.2267, 35.6095, 32.7968

# Square

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



35.5139, 35.6095, 43.5296



35.4684, 35.6095, 34.2591



32.2307, 35.6095, 34.3756



32.2734, 35.6095, 43.6663



# Rectangle

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



35.5139, 35.6095, 43.5296



36.1760, 35.6095, 38.1158



32.2307, 35.6095, 34.3756



31.6178, 35.6095, 39.4371

# Sweetspot

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



35.5149, 35.6110, 43.5304



67.7462, 70.3961, 79.0191



34.3936, 36.0927, 43.6825



15.1268, 15.7293, 17.6265



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.5149, 35.6110, 43.5304



62.4898, 62.0064, 77.6767



36.1480, 35.9634, 42.3849



8.0936, 8.0226, 10.0746



11.2676, 5.1685, 29.4483



0.3659, 0.1708, 0.8217



# Inverse Universe

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



35.5443, 35.7219, 39.2058



62.5601, 62.2478, 68.4104



35.0435, 38.9473, 39.1060



8.1030, 8.0544, 8.8530



13.1598, 6.7264, 3.2207



0.3909, 0.1970, 0.2202



# Previews

## White Background



This preview shows how the XYZ color 35.5139, 35.6095, 43.5296 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 35.5139, 35.6095, 43.5296 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

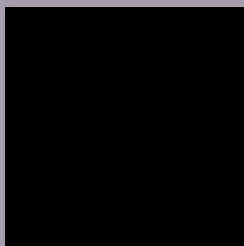
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 35.5139, 35.6095, 43.5296**

## **Background**



This preview shows how black text looks on a background with the XYZ color 35.5139, 35.6095, 43.5296.



This preview shows how white text looks on a background with the XYZ color 35.5139, 35.6095,



# 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

35.5139, 35.6095, 43.5296

### Protanopia

34.7151, 35.6972, 44.0903

### Deuteranopia

36.2524, 35.4879, 43.4672



## Tritanopia

35.5139, 35.6095, 43.5296

# Trichromacy



## Original Color

35.5139, 35.6095, 43.5296

## Protanomaly

34.9488, 35.5614, 44.0518

## Deuteranomaly

35.9852, 35.6003, 43.5030

## Tritanomaly

35.5139, 35.6095, 43.5296

# Monochromacy



## Original Color

35.5139, 35.6095, 43.5296

## Achromatopsia

34.3422, 36.1307, 39.3463

## Achromatomaly

34.8462, 36.0989, 40.7285

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 35.5139, 35.6095, 43.5296 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(167, 158, 171)` looks like.

```
.text, #text, p{  
    color:rgb(167, 158, 171)  
}
```

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(167, 158, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 158, 171) }
```

## Border

The CSS property to change the border of an element to XYZ 35.5139, 35.6095, 43.5296 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(167, 158, 171) }
```



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

```
.border{ border-color:rgb(167, 158, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 158, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 158, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 158, 171);  
box-shadow:4px 4px 4px 4px rgb(167, 158,  
171) }
```

# Background

The CSS property to change the background color of an element to XYZ 35.5139, 35.6095, 43.5296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 158, 171) }
```

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

```
.background{ background-color: rgb(167,  
158, 171) }
```

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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