

Converting Colors

XYZ(35.5724, 39.2976, 36.0314)

Have a look what the booklet for
XYZ(35.5724, 39.2976, 36.0314)
contains.

XYZ(35.6225, 39.3182, 35.8487)	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(35.6225, 39.3182,
35.8487)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AB99
RGB	164, 171, 153
RGB Percent	64%, 67%, 60%
CMY	0.3569, 0.3294, 0.4000
CMYK	0.04, 0.00, 0.11, 0.33
HSL	83°, 10%, 64%
HSV	83°, 11%, 67%
XYZ	35.6225, 39.3182, 35.8487
YIQ	166.8550, 1.6060, -7.0820

Conversions

Conversions Part 2

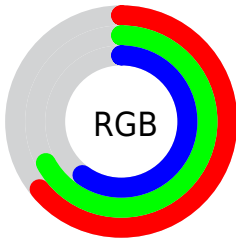
Format	Color
RYB	153, 171, 160
Decimal	10791833
CIELab	68.98, -5.80, 8.42
CIElCh	69, 10.224, 124.587
Yxy	39.3182, 0.3215, 0.3549
Android (android.graphics.Color)	4288981913 (0xFFA4AB99)
YUV	166.8550, -6.8305, -2.5038
Hunter-Lab	62.7042, -8.3259, 9.9962

Details

The XYZ color **35.6225, 39.3182, 35.8487** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2407, 33.1974, 43.1859**, and the grayscale version is **36.6925, 38.6034, 42.0391**.

A 20% lighter version of the original color is **67.6723, 73.9578, 69.7401**, and **15.6772, 17.5977, 15.1408** is the 20% darker color. If you saturate the color by 10%, you get **32.9733, 38.1053, 28.8729**, and if you desaturate by 10%, it is **38.5481, 40.6525, 43.8958**.

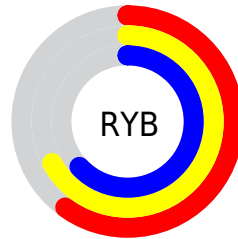
Distribution



Red (64%)

Green (67%)

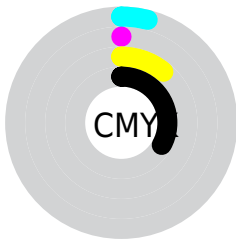
Blue (60%)



Red (60%)

Yellow (67%)

Blue (63%)

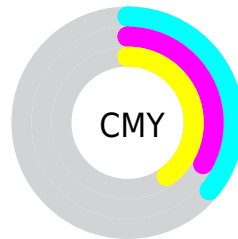


Cyan (4%)

Magenta (0%)

Yellow (11%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6225, 39.3182, 35.8487 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 35.6225, 39.3182, 35.8487 by changing the saturation by 10% instead.

■ 35.6225, 39.3182,
35.8487

■ 35.6225, 39.3182,
35.8487

318.7676,
343.2414, 343.3161

■ 24.3115, 27.0074,
24.0286

■ 67.7767, 74.1242,
69.9649

■ 15.6909, 17.5787,
15.1424

■ 89.3506, 97.3881,
93.0981

■ 9.3951, 10.6480,
8.7717

115.0763,
125.0718, 120.8393

■ 5.0590, 5.8307,
4.4978

145.3190,
157.5597, 153.6072

■ 2.3170, 2.7424,
1.9022

180.4442,
195.2363, 191.8203

■ 0.8033, 0.9988,
0.4941

220.8171,

■ 0.0000, 0.0000,

238.4858, 235.8972

0.0000

266.8031,
287.6927, 286.2563

■ 35.6225, 39.3182,
35.8487

■ 35.6225, 39.3182,
35.8487

■ 32.9733, 38.1053,
28.8729

■ 38.5481, 40.6525,
43.8958

■ 30.5877, 37.0048,
22.9205

■ 41.7561, 42.1069,
53.0540

■ 28.4564, 36.0140,
17.9441

■ 45.2561, 43.6866,
63.3644

■ 26.5684, 35.1284,
13.8914

■ 49.0565, 45.3952,
74.8651

■ 24.9116, 34.3431,
10.7050

■ 53.1651, 47.2358,
87.5926

■ 23.4728, 33.6527,
8.3214

■ 57.4921, 49.1726,
101.0688

■ 22.2371, 33.0509,
6.6683

■ 59.3537, 50.1323,
101.1560

■ 21.1869, 32.5308,
5.6604

■ 61.2941, 51.1326,
101.2468

■ 20.3286, 32.0993,
5.1244

■ 63.3142, 52.1741,
101.3413

Harmonies

Analogous

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



37.1211, 39.3182, 34.4848



35.6225, 39.3182, 35.8487



34.6151, 39.3182, 39.0790

Triad

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



35.6225, 39.3182, 35.8487



36.0439, 39.3182, 51.4262



40.5775, 39.3182, 42.0982

Complementary

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



35.6225, 39.3182, 35.8487



33.2407, 33.1974, 43.1859

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.



40.2690, 39.3182, 46.7730



35.6225, 39.3182, 35.8487



37.6216, 39.3182, 52.3795

Square

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



35.6225, 39.3182, 35.8487



34.8534, 39.3182, 48.1021



39.1753, 39.3182, 50.6206



40.0065, 39.3182, 37.9226

Rectangle

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



35.6225, 39.3182, 35.8487



34.3413, 39.3182, 41.9709



39.1753, 39.3182, 50.6206



40.5733, 39.3182, 43.6619

Sweetspot

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



35.6236, 39.3199, 35.8496



67.6642, 72.1798, 74.7869



35.0993, 36.0661, 35.2491



14.9948, 16.0533, 16.4154



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.



35.6236, 39.3199, 35.8496



62.4664, 69.8080, 60.6396



33.8507, 38.4059, 35.7666



8.3564, 9.1723, 8.5434



15.3842, 24.2279, 3.8656



0.4869, 0.7043, 0.1103

Inverse Universe

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



33.2407, 33.1974, 43.1859



57.2014, 56.2797, 76.8501



35.0841, 34.1477, 43.2721



7.8625, 7.9034, 10.0638



7.3171, 3.1320, 29.2634



0.2659, 0.1193, 0.8170

Previews

White Background



This preview shows how the XYZ color 35.6225, 39.3182, 35.8487 looks on a white background.

Color Contrast Check

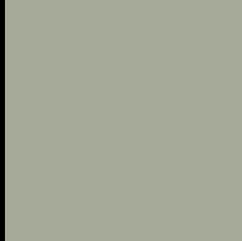
Large Text (above 18pt) WCAG AA × Fail

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 35.6225, 39.3182, 35.8487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

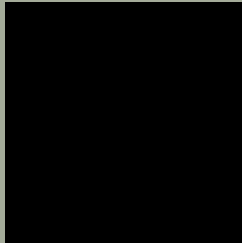
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

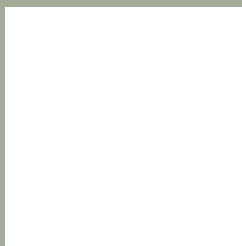
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.6225, 39.3182, 35.8487

Background



This preview shows how black text looks on a background with the XYZ color 35.6225, 39.3182, 35.8487.



This preview shows how white text looks on a background with the XYZ color 35.6225, 39.3182,

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

35.6225, 39.3182, 35.8487

Protanopia

37.2677, 39.3536, 34.9099

Deuteranopia

39.8230, 39.0260, 36.4442



Tritanopia

38.2054, 39.2576, 48.7438

Trichromacy



Original Color

35.6225, 39.3182, 35.8487

Protanomaly

36.6500, 39.3009, 35.3599

Deuteranomaly

38.1103, 38.9467, 36.0807

Tritanomaly

37.1947, 39.1230, 43.6213

Monochromacy



Original Color

35.6225, 39.3182, 35.8487

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.2501, 38.7209, 39.7457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6225, 39.3182, 35.8487 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(164, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(164, 171, 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(164, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 171, 153) }
```

Border

The CSS property to change the border of an element to XYZ 35.6225, 39.3182, 35.8487 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(164, 171, 153) }
```


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

```
.border{ border-color:rgb(164, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(164, 171,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6225, 39.3182, 35.8487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 171, 153) }
```

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

```
.background{ background-color: rgb(164,  
171, 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](#).

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