

Converting Colors

XYZ(36.8249, 39.1734, 44.1744)

Have a look what the booklet for
XYZ(36.8249, 39.1734, 44.1744)
contains.

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Color

**XYZ(36.8485, 39.2087,
44.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A9AB
RGB	164, 169, 171
RGB Percent	64%, 66%, 67%
CMY	0.3569, 0.3372, 0.3294
CMYK	0.04, 0.01, 0.00, 0.33
HSL	197°, 4%, 66%
HSV	197°, 4%, 67%
XYZ	36.8485, 39.2087, 44.1540
YIQ	167.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

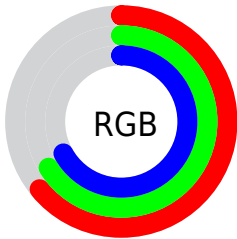
Format	Color
RYB	164, 167, 171
Decimal	10791339
CIELab	68.90, -1.37, -1.65
CIElCh	69, 2.149, 230.260
Yxy	39.2087, 0.3065, 0.3262
Android (android.graphics.Color)	4288981419 (0xFFA4A9AB)
YUV	167.7330, 1.6106, -3.2738
Hunter-Lab	62.6169, -4.5366, 2.0237

Details

The XYZ color **36.8485, 39.2087, 44.1540** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1318, 38.6104, 40.6181**, and the grayscale version is **37.0831, 39.0143, 42.4866**.

A 20% lighter version of the original color is **69.5965, 73.8624, 82.5402**, and **16.3732, 17.4992, 19.9675** is the 20% darker color. If you saturate the color by 10%, you get **32.6635, 35.7298, 43.7037**, and if you desaturate by 10%, it is **41.5442, 43.0033, 44.6395**.

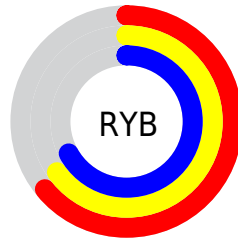
Distribution



Red (64%)

Green (66%)

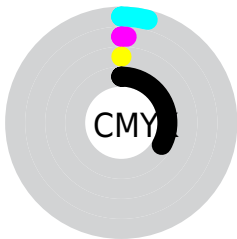
Blue (67%)



Red (64%)

Yellow (65%)

Blue (67%)

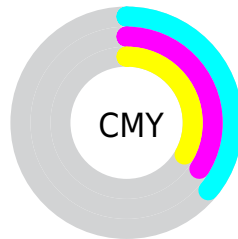


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (33%)



Cyan (36%)

Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8485, 39.2087, 44.1540 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 36.8485, 39.2087, 44.1540 by changing the saturation by 10% instead.

■ 36.8485, 39.2087,
44.1540

■ 36.8485, 39.2087,
44.1540

324.0211,
342.7770, 379.3961

■ 25.2633, 26.9221,
30.4535

■ 69.6551, 73.9570,
82.7544

■ 16.4031, 17.5147,
19.9281

■ 91.6072, 97.1876,
108.4913

■ 9.9025, 10.6022,
12.1592

117.7457,
124.8349, 139.0775

■ 5.3961, 5.8000,
6.7284

148.4359,
157.2834, 174.9315

■ 2.5186, 2.7239,
3.2169

184.0432,
194.9175, 216.4718

■ 0.9047, 0.9893,
1.2064

224.9329,

■ 0.0000, 0.0000,

238.1215, 264.1170

0.0000

271.4704,
287.2798, 318.2856

■ 36.8485, 39.2087,
44.1540

■ 36.8485, 39.2087,
44.1540

■ 32.6635, 35.7298,
43.7037

■ 41.5442, 43.0033,
44.6395

■ 28.9666, 32.5512,
43.2850

■ 46.7652, 47.1186,
45.1587

■ 25.7386, 29.6635,
42.8977

■ 52.5300, 51.5654,
45.7132

■ 22.9574, 27.0548,
42.5408

■ 58.8548, 56.3529,
46.3039

■ 20.5994, 24.7123,
42.2129

■ 65.7555, 61.4896,
46.9317

■ 18.6385, 22.6220,
41.9128

■ 68.8488, 64.7164,
47.3915

■ 17.0454, 20.7683,
41.6390

■ 69.9843, 66.9872,
47.7699

■ 15.7867, 19.1333,
41.3897

■ 71.1560, 69.3306,
48.1605

■ 14.8223, 17.6957,
41.1631

■ 72.3643, 71.7472,
48.5633

Harmonies

Analogous

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



36.6541, 39.2087, 43.3461



36.8485, 39.2087, 44.1540



37.1557, 39.2087, 44.5719

Triad

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



36.8485, 39.2087, 44.1540



37.9176, 39.2087, 43.0105



37.0398, 39.2087, 40.9517

Complementary

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



36.8485, 39.2087, 44.1540



37.1318, 38.6104, 40.6181

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.



37.3779, 39.2087, 40.8649



36.8485, 39.2087, 44.1540



37.8861, 39.2087, 42.0437

Square

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



36.8485, 39.2087, 44.1540



37.7739, 39.2087, 43.9051



37.6880, 39.2087, 41.2619



36.7641, 39.2087, 41.5007

Rectangle

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



36.8485, 39.2087, 44.1540



37.3838, 39.2087, 44.5689



37.6880, 39.2087, 41.2619



37.1499, 39.2087, 40.8678

Sweetspot

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



36.8496, 39.2104, 44.1549



68.4823, 72.2517, 79.3384



36.7548, 39.7715, 41.8085



15.2821, 16.1207, 17.6938



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.



36.8496, 39.2104, 44.1549



65.2086, 69.5778, 78.9949



36.2097, 37.9305, 43.9415



8.4097, 8.9857, 10.2439



10.8535, 12.8410, 30.9510



0.3454, 0.4442, 0.8755

Inverse Universe

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



37.2324, 38.0742, 42.9247



66.0571, 67.0719, 76.2652



37.7741, 39.8950, 40.8322



8.5304, 8.6303, 9.8555



15.3420, 7.5993, 14.7124



0.4488, 0.2202, 0.5249

Previews

White Background



This preview shows how the XYZ color 36.8485, 39.2087, 44.1540 looks on a white background.

Color Contrast Check

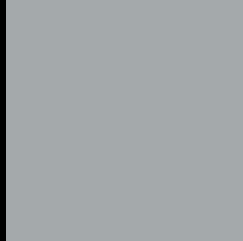
Large Text (above 18pt) WCAG AA × Fail

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 36.8485, 39.2087, 44.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

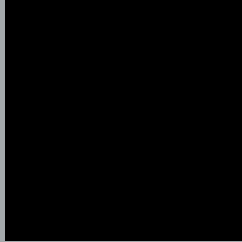
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8485, 39.2087, 44.1540

Background



This preview shows how black text looks on a background with the XYZ color 36.8485, 39.2087, 44.1540.



This preview shows how white text looks on a background with the XYZ color 36.8485, 39.2087,

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

36.8485, 39.2087, 44.1540

Protanopia

37.6520, 39.0858, 43.5900

Deuteranopia

39.8350, 39.1180, 44.4807



Tritanopia

37.8851, 39.0806, 49.2626

Trichromacy



Original Color

36.8485, 39.2087, 44.1540

Protanomaly

37.4068, 39.2324, 43.6313

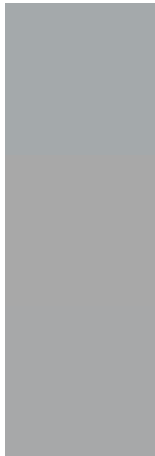
Deuteranomaly

38.5807, 39.0028, 44.5246

Tritanomaly

37.4555, 39.1789, 47.1831

Monochromacy



Original Color

36.8485, 39.2087, 44.1540

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.1004, 39.0853, 43.1249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8485, 39.2087, 44.1540 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, 169, 171)` looks like.

```
.text, #text, p{  
    color:rgb(164, 169, 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(164, 169, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 169, 171) }
```

Border

The CSS property to change the border of an element to XYZ 36.8485, 39.2087, 44.1540 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, 169, 171) }
```


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

```
.border{ border-color:rgb(164, 169, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 169, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 169, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 169, 171); box-shadow:4px 4px 4px 4px rgb(164, 169, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8485, 39.2087, 44.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 169, 171) }
```

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

```
.background{ background-color: rgb(164,  
169, 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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