

Converting Colors

XYZ(35.9849, 39.0301, 44.9710)

Have a look what the booklet for
XYZ(35.9849, 39.0301, 44.9710)
contains.

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Color

**XYZ(36.0181, 39.0357,
45.1714)**

Conversions

Conversions Part 1

Format	Color
Hex	9EAAAD
RGB	158, 170, 173
RGB Percent	62%, 67%, 68%
CMY	0.3804, 0.3333, 0.3216
CMYK	0.09, 0.02, 0.00, 0.32
HSL	192°, 8%, 65%
HSV	192°, 9%, 68%
XYZ	36.0181, 39.0357, 45.1714
YIQ	166.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

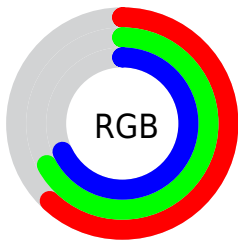
Format	Color
R _Y B	158, 165, 173
Decimal	10398381
CIE Lab	68.78, -3.59, -3.00
CIE LCh	69, 4.680, 219.818
Yxy	39.0357, 0.2996, 0.3247
Android (android.graphics.Color)	4288588461 (0xFF9EAAAD)
YUV	166.7540, 3.0793, -7.6773
Hunter-Lab	62.4786, -6.4345, 0.8689

Details

The XYZ color **36.0181, 39.0357, 45.1714** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1501, 36.8423, 37.5543**, and the grayscale version is **36.6002, 38.5062, 41.9333**.

A 20% lighter version of the original color is **68.3694, 73.5980, 84.0012**, and **15.9930, 17.4631, 20.6170** is the 20% darker color. If you saturate the color by 10%, you get **32.2126, 36.1255, 44.8109**, and if you desaturate by 10%, it is **40.3220, 42.2302, 45.5618**.

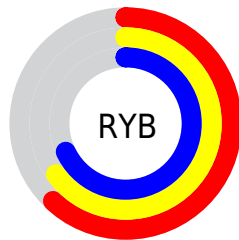
Distribution



Red (62%)

Green (67%)

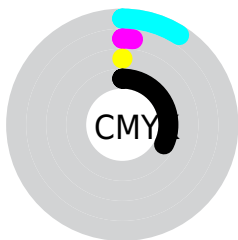
Blue (68%)



Red (62%)

Yellow (65%)

Blue (68%)

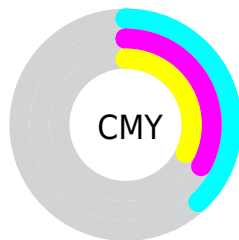


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (38%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0181, 39.0357, 45.1714 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 36.0181, 39.0357, 45.1714 by changing the saturation by 10% instead.

■ 36.0181, 39.0357,
45.1714

■ 36.0181, 39.0357,
45.1714

320.4695,
342.0422, 383.6476

■ 24.6183, 26.7875,
31.2485

■ 68.3837, 73.6929,
84.2987

■ 15.9202, 17.4137,
20.5281

■ 90.0802, 96.8706,
110.3403

■ 9.5582, 10.5299,
12.5916

115.9398,
124.4603, 141.2584

■ 5.1670, 5.7517,
7.0206

146.3276,
156.8464, 177.4718

■ 2.3813, 2.6947,
3.3963

181.6092,
194.4132, 219.3988

■ 0.8358, 0.9745,
1.3004

222.1498,

■ 0.0000, 0.0000,

237.5452, 267.4581

0.0621

268.3148,
286.6268, 322.0682

■ 0.0000, 0.0000,
0.0000

■ 36.0181, 39.0357,
45.1714

■ 36.0181, 39.0357,
45.1714

■ 32.2126, 36.1255,
44.8109

■ 40.3220, 42.2302,
45.5618

■ 28.8821, 33.4842,
44.4766

■ 45.1397, 45.7141,
45.9803

■ 26.0062, 31.1023,
44.1684

■ 50.4903, 49.4983,
46.4287

■ 23.5618, 28.9675,
43.8852

■ 56.3906, 53.5918,
46.9079

■ 21.5238, 27.0666,
43.6257

■ 62.8571, 58.0032,
47.4185

■ 19.8642, 25.3852,
43.3886

■ 67.3581, 61.4276,
47.8423

■ 18.5514, 23.9067,
43.1724

■ 68.1196, 62.9506,
48.0961

■ 17.5484, 22.6119,
42.9753

■ 68.8990, 64.5094,
48.3559

■ 16.7888, 21.4662,
42.7942

■ 69.6965, 66.1042,
48.6217

Harmonies

Analogous

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



35.7153, 39.0357, 43.2032



36.0181, 39.0357, 45.1714



36.6126, 39.0357, 46.4514

Triad

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



36.0181, 39.0357, 45.1714



38.4564, 39.0357, 43.9274



36.8597, 39.0357, 38.6061

Complementary

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



36.0181, 39.0357, 45.1714



36.1501, 36.8423, 37.5543

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.



37.5962, 39.0357, 38.7854



36.0181, 39.0357, 45.1714



38.5247, 39.0357, 41.8109

Square

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



36.0181, 39.0357, 45.1714



38.0226, 39.0357, 45.7167



38.2080, 39.0357, 39.9423



36.1969, 39.0357, 39.4440

Rectangle

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



36.0181, 39.0357, 45.1714



37.0977, 39.0357, 46.7178



38.2080, 39.0357, 39.9423



37.1068, 39.0357, 38.5501

Sweetspot

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



36.0192, 39.0373, 45.1723



68.7255, 73.0625, 81.2860



35.4557, 39.7212, 39.4016



14.8027, 15.7796, 17.6533



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.



36.0192, 39.0373, 45.1723



63.4264, 69.0969, 80.7999



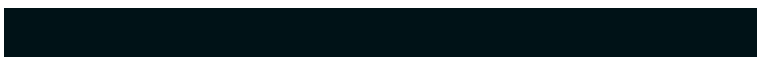
34.6968, 36.3926, 44.7315



8.0984, 8.7961, 10.2237



12.3046, 15.7430, 31.4347



0.3764, 0.5062, 0.8858

Inverse Universe

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



36.7170, 36.2410, 43.0922



64.8829, 63.2964, 76.4497



37.4546, 39.4511, 37.9892



8.2675, 8.1202, 9.7192



16.0744, 7.8923, 18.5691



0.4644, 0.2264, 0.6072

Previews

White Background



This preview shows how the XYZ color 36.0181, 39.0357, 45.1714 looks on a white background.

Color Contrast Check

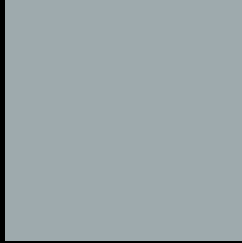
Large Text (above 18pt) WCAG AA × Fail

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 36.0181, 39.0357, 45.1714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

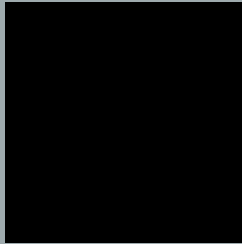
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

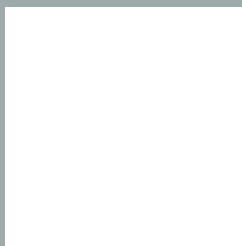
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0181, 39.0357, 45.1714

Background



This preview shows how black text looks on a background with the XYZ color 36.0181, 39.0357, 45.1714.



This preview shows how white text looks on a background with the XYZ color 36.0181, 39.0357,

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

36.0181, 39.0357, 45.1714

Protanopia

37.5316, 39.0127, 44.0802

Deuteranopia

39.7932, 39.0741, 45.4891



Tritanopia

37.1287, 39.2269, 49.8706

Trichromacy



Original Color

36.0181, 39.0357, 45.1714

Protanomaly

36.9661, 38.9832, 44.6059

Deuteranomaly

38.5098, 39.2127, 45.5835

Tritanomaly

36.6227, 39.0015, 48.2456

Monochromacy



Original Color

36.0181, 39.0357, 45.1714

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.4739, 38.7623, 43.0956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0181, 39.0357, 45.1714 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(158, 170, 173)` looks like.

```
.text, #text, p{  
    color:rgb(158, 170, 173)  
}
```

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(158, 170, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 170, 173) }
```

Border

The CSS property to change the border of an element to XYZ 36.0181, 39.0357, 45.1714 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(158, 170, 173) }
```


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

```
.border{ border-color:rgb(158, 170, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 170, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 170, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 170, 173);  
box-shadow:4px 4px 4px 4px rgb(158, 170,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0181, 39.0357, 45.1714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 170, 173) }
```

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

```
.background{ background-color: rgb(158,  
170, 173) }
```

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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