

Converting Colors

XYZ(36.4209, 39.6073, 44.8179)

Have a look what the booklet for
XYZ(36.4209, 39.6073, 44.8179)
contains.

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Color

**XYZ(36.3074, 39.4753,
44.7356)**

Conversions

Conversions Part 1

Format	Color
Hex	9FABAC
RGB	159, 171, 172
RGB Percent	62%, 67%, 67%
CMY	0.3765, 0.3294, 0.3255
CMYK	0.08, 0.01, 0.00, 0.33
HSL	185°, 7%, 65%
HSV	185°, 8%, 67%
XYZ	36.3074, 39.4753, 44.7356
YIQ	167.5260, -7.4730, -2.2330

Conversions

Conversions Part 2

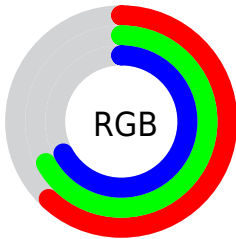
Format	Color
R _Y B	159, 165, 172
Decimal	10464172
CIE Lab	69.09, -3.99, -1.97
CIE LCh	69, 4.454, 206.235
Yxy	39.4753, 0.3013, 0.3275
Android (android.graphics.Color)	4288654252 (0xFF9FABAC)
YUV	167.5260, 2.2057, -7.4773
Hunter-Lab	62.8294, -6.8011, 1.7651

Details

The XYZ color **36.3074, 39.4753, 44.7356** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8423, 36.4153, 37.9414**, and the grayscale version is **36.9804, 38.9062, 42.3689**.

A 20% lighter version of the original color is **68.7930, 74.2349, 83.3760**, and **16.1713, 17.7379, 20.3407** is the 20% darker color. If you saturate the color by 10%, you get **32.8834, 37.3430, 44.5051**, and if you desaturate by 10%, it is **40.2108, 41.8606, 44.9909**.

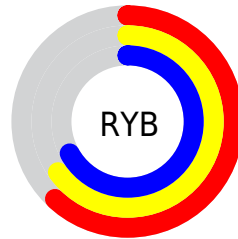
Distribution



Red (62%)

Green (67%)

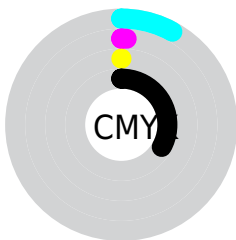
Blue (67%)



Red (62%)

Yellow (65%)

Blue (67%)

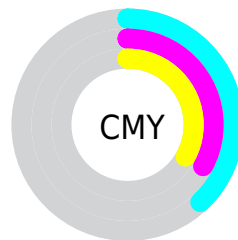


Cyan (8%)

Magenta (1%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3074, 39.4753, 44.7356 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 36.3074, 39.4753, 44.7356 by changing the saturation by 10% instead.

■ 36.3074, 39.4753,
44.7356

■ 36.3074, 39.4753,
44.7356

321.7100,
343.9071, 381.8305

■ 24.8429, 27.1297,
30.9078

■ 68.8270, 74.3639,
83.6377

■ 16.0882, 17.6706,
20.2708

■ 90.6129, 97.6756,
109.5492

■ 9.6778, 10.7138,
12.4060

116.5699,
125.4115, 140.3255

■ 5.2465, 5.8747,
6.8949

147.0635,
157.9559, 176.3854

■ 2.4288, 2.7691,
3.3190

182.4589,
195.6933, 218.1473

■ 0.8595, 1.0124,
1.2597

223.1216,

■ 0.0000, 0.0000,

239.0080, 266.0297

0.0285

269.4168,
288.2845, 320.4513

■ 0.0000, 0.0000,
0.0000

■ 36.3074, 39.4753,
44.7356

■ 36.3074, 39.4753,
44.7356

■ 32.8834, 37.3430,
44.5051

■ 40.2108, 41.8606,
44.9909

■ 29.9159, 35.4487,
44.2959

■ 44.6086, 44.5033,
45.2692

■ 27.3852, 33.7833,
44.1078

■ 49.5193, 47.4142,
45.5722

■ 25.2689, 32.3351,
43.9398

■ 54.9594, 50.6017,
45.9007

■ 23.5425, 31.0915,
43.7908

■ 60.9447, 54.0740,
46.2555

■ 22.1788, 30.0387,
43.6594

■ 64.7909, 56.4473,
46.5109

■ 21.1474, 29.1607,
43.5443

■ 65.0565, 56.9785,
46.5994

■ 20.4128, 28.4394,
43.4438

■ 65.3246, 57.5148,
46.6888

■ 19.9192, 27.8459,
43.3553

■ 65.5953, 58.0562,
46.7790

Harmonies

Analogous

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



36.1727, 39.4753, 42.7254



36.3074, 39.4753, 44.7356



36.7656, 39.4753, 46.3188

Triad

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



36.3074, 39.4753, 44.7356



38.6678, 39.4753, 45.1944



37.6099, 39.4753, 39.1931

Complementary

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



36.3074, 39.4753, 44.7356



35.8423, 36.4153, 37.9414

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.



38.2849, 39.4753, 39.8092



36.3074, 39.4753, 44.7356



38.9005, 39.4753, 43.2394

Square

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



36.3074, 39.4753, 44.7356



38.1275, 39.4753, 46.5895



38.7595, 39.4753, 41.2746



36.9191, 39.4753, 39.5655

Rectangle

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



36.3074, 39.4753, 44.7356



37.1958, 39.4753, 46.8971



38.7595, 39.4753, 41.2746



37.8462, 39.4753, 39.2909

Sweetspot

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



36.3085, 39.4770, 44.7365



69.6681, 73.9467, 81.4070



35.3848, 39.4100, 38.9392



15.1580, 16.0810, 17.6927



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.



36.3085, 39.4770, 44.7365



64.8144, 70.9653, 81.0874



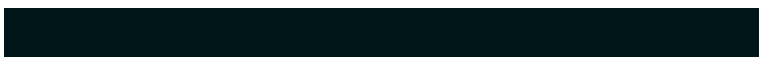
35.1342, 37.1284, 44.3450



8.1830, 8.9653, 10.2519



14.7606, 20.6550, 32.2534



0.4258, 0.6050, 0.9023

Inverse Universe

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



36.7630, 36.5080, 43.6391



65.8051, 64.5137, 78.6905



36.9749, 38.6805, 38.3189



8.3102, 8.1373, 9.9441



17.3141, 8.3882, 25.0972



0.4893, 0.2364, 0.7385

Previews

White Background



This preview shows how the XYZ color 36.3074, 39.4753, 44.7356 looks on a white background.

Color Contrast Check

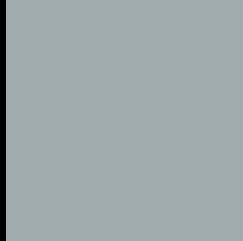
Large Text (above 18pt) WCAG AA × Fail

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 36.3074, 39.4753, 44.7356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

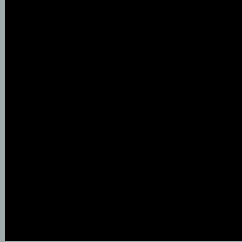
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

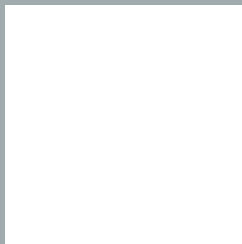
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3074, 39.4753, 44.7356

Background



This preview shows how black text looks on a background with the XYZ color 36.3074, 39.4753, 44.7356.

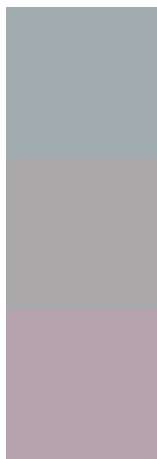


This preview shows how white text looks on a background with the XYZ color 36.3074, 39.4753,

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

36.3074, 39.4753, 44.7356

Protanopia

38.0529, 39.5655, 43.6615

Deuteranopia

40.0286, 39.1955, 45.5001



Tritanopia

37.4332, 39.3719, 50.4263

Trichromacy



Original Color

36.3074, 39.4753, 44.7356

Protanomaly

37.4750, 39.5317, 44.1833

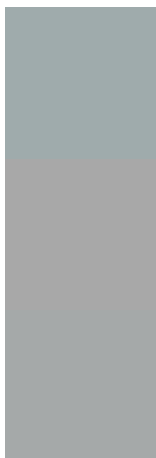
Deuteranomaly

38.6346, 39.2882, 45.0823

Tritanomaly

37.0086, 39.4777, 48.3172

Monochromacy



Original Color

36.3074, 39.4753, 44.7356

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.8664, 39.2398, 43.1671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3074, 39.4753, 44.7356 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(159, 171, 172)` looks like.

```
.text, #text, p{  
    color:rgb(159, 171, 172)  
}
```

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(159, 171, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 171, 172) }
```

Border

The CSS property to change the border of an element to XYZ 36.3074, 39.4753, 44.7356 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(159, 171, 172) }
```


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

```
.border{ border-color:rgb(159, 171, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 171, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 171, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 171, 172);  
box-shadow:4px 4px 4px 4px rgb(159, 171,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3074, 39.4753, 44.7356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 171, 172) }
```

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

```
.background{ background-color: rgb(159,  
171, 172) }
```

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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