

Converting Colors

XYZ(34.6964, 38.0850, 46.0838)

Have a look what the booklet for
XYZ(34.6964, 38.0850, 46.0838)
contains.

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Color

**XYZ(34.6883, 38.0504,
46.0736)**

Conversions

Conversions Part 1

Format	Color
Hex	97A9AF
RGB	151, 169, 175
RGB Percent	59%, 66%, 69%
CMY	0.4078, 0.3372, 0.3137
CMYK	0.14, 0.03, 0.00, 0.31
HSL	195°, 13%, 64%
HSV	195°, 14%, 69%
XYZ	34.6883, 38.0504, 46.0736
YIQ	164.3020, -12.6540, -1.9500

Conversions

Conversions Part 2

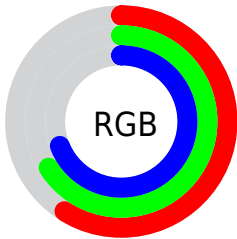
Format	Color
RYB	151, 161, 175
Decimal	9939375
CIELab	68.06, -5.00, -5.22
CIElCh	68, 7.233, 226.238
Yxy	38.0504, 0.2920, 0.3203
Android (android.graphics.Color)	4288129455 (0xFF97A9AF)
YUV	164.3020, 5.2741, -11.6659
Hunter-Lab	61.6850, -7.5700, -1.1052

Details

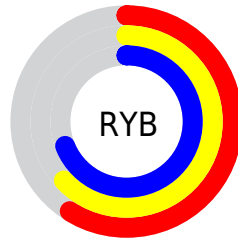
The XYZ color **34.6883, 38.0504, 46.0736** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3222, 35.4620, 34.2619**, and the grayscale version is **35.4113, 37.2554, 40.5712**.

A 20% lighter version of the original color is **66.1154, 72.0036, 85.2763**, and **15.1920, 16.8620, 21.1929** is the 20% darker color. If you saturate the color by 10%, you get **30.8788, 34.8999, 45.6669**, and if you desaturate by 10%, it is **39.0094, 41.5071, 46.5137**.

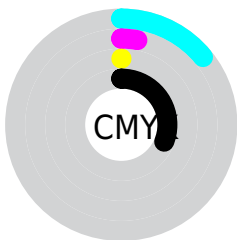
Distribution



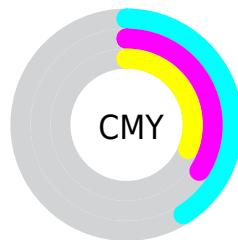
- Red (59%)
- Green (66%)
- Blue (69%)



- Red (59%)
- Yellow (63%)
- Blue (69%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (31%)



- Cyan (41%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6883, 38.0504, 46.0736 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 34.6883, 38.0504, 46.0736 by changing the saturation by 10% instead.

■ 34.6883, 38.0504,
46.0736

■ 34.6883, 38.0504,
46.0736

314.7225,
337.8361, 387.3906

■ 23.5883, 26.0218,
31.9548

■ 66.3398, 72.1854,
85.6646

■ 15.1515, 16.8400,
21.0625

■ 87.6220, 95.0606,
111.9739

■ 9.0128, 10.1204,
12.9780

113.0290,
122.3201, 143.1837

■ 4.8067, 5.4789,
7.2828

142.9260,
154.3483, 179.7127

■ 2.1679, 2.5309,
3.5585

177.6786,
191.5296, 221.9793

■ 0.7257, 0.8921,
1.3864

217.6519,

■ 0.0000, 0.0000,

234.2484, 270.4022

0.1311

263.2115,
282.8891, 325.3998

■ 0.0000, 0.0000,
0.0000

■ 34.6883, 38.0504,
46.0736

■ 34.6883, 38.0504,
46.0736

■ 30.8788, 34.8999,
45.6669

■ 39.0094, 41.5071,
46.5137

■ 27.5561, 32.0393,
45.2898

■ 43.8588, 45.2759,
46.9855

■ 24.6983, 29.4580,
44.9422

■ 49.2566, 49.3686,
47.4910

■ 22.2805, 27.1427,
44.6228

■ 55.2210, 53.7949,
48.0310

■ 20.2752, 25.0790,
44.3301

■ 61.7690, 58.5640,
48.6064

■ 18.6519, 23.2505,
44.0627

■ 68.5475, 63.4942,
49.2008

■ 17.3755, 21.6388,
43.8189

■ 69.5433, 65.4859,
49.5327

■ 16.4037, 20.2217,
43.5966

■ 70.5682, 67.5356,
49.8743

■ 15.8906, 19.4004,
43.4651

■ 71.6222, 69.6436,
50.2257

Harmonies

Analogous

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



34.1259, 38.0504, 43.1892



34.6883, 38.0504, 46.0736



35.6530, 38.0504, 47.7519

Triad

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



34.6883, 38.0504, 46.0736



38.3105, 38.0504, 42.9236



35.5635, 38.0504, 35.7558

Complementary

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



34.6883, 38.0504, 46.0736



35.3222, 35.4620, 34.2619

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.



36.6835, 38.0504, 35.6930



34.6883, 38.0504, 46.0736



38.2853, 38.0504, 39.7201

Square

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



34.6883, 38.0504, 46.0736



37.7526, 38.0504, 45.8705



37.6846, 38.0504, 37.1102



34.6240, 38.0504, 37.2865

Rectangle

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



34.6883, 38.0504, 46.0736



36.4016, 38.0504, 47.9075



37.6846, 38.0504, 37.1102



35.9309, 38.0504, 35.5651

Sweetspot

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



34.6894, 38.0520, 46.0744



69.5726, 74.1074, 83.2742



34.1448, 39.6605, 37.5758



15.3288, 16.3650, 18.4952



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.6894, 38.0520, 46.0744



60.2924, 66.6513, 82.3241



32.6257, 33.9246, 45.3866



8.0643, 8.7280, 10.2123



11.4302, 13.9942, 31.1432



0.3580, 0.4693, 0.8797

Inverse Universe

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



35.9081, 34.1125, 42.2298



62.8534, 58.4821, 74.2200



37.3794, 39.5763, 34.9476



8.2503, 8.1134, 9.6287



15.6331, 7.7158, 16.2450



0.4551, 0.2227, 0.5582

Previews

White Background



This preview shows how the XYZ color 34.6883, 38.0504, 46.0736 looks on a white background.

Color Contrast Check

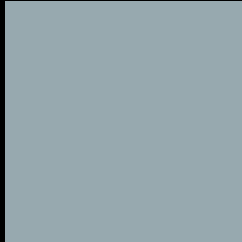
Large Text (above 18pt) WCAG AA × Fail

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 34.6883, 38.0504, 46.0736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

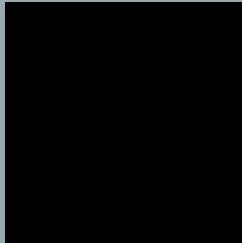
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

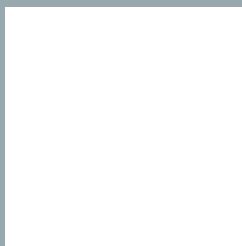
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6883, 38.0504, 46.0736

Background



This preview shows how black text looks on a background with the XYZ color 34.6883, 38.0504, 46.0736.



This preview shows how white text looks on a background with the XYZ color 34.6883, 38.0504,

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

34.6883, 38.0504, 46.0736

Protanopia

36.8379, 38.1043, 44.4430

Deuteranopia

38.8121, 38.0112, 46.8862



Tritanopia

35.2920, 38.0169, 49.1940

Trichromacy



Original Color

34.6883, 38.0504, 46.0736

Protanomaly

35.8770, 37.8666, 44.9532

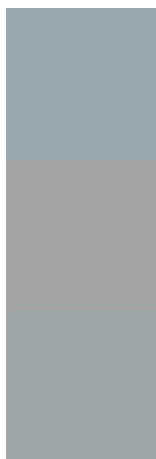
Deuteranomaly

37.2604, 38.0103, 46.4472

Tritanomaly

35.0882, 37.9353, 48.1207

Monochromacy



Original Color

34.6883, 38.0504, 46.0736

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.0022, 37.4705, 42.4335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6883, 38.0504, 46.0736 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(151, 169, 175)` looks like.

```
.text, #text, p{  
    color:rgb(151, 169, 175)  
}
```

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(151, 169, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 169, 175) }
```

Border

The CSS property to change the border of an element to XYZ 34.6883, 38.0504, 46.0736 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(151, 169, 175) }
```


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

```
.border{ border-color:rgb(151, 169, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 169, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 169, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 169, 175);  
box-shadow:4px 4px 4px 4px rgb(151, 169,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6883, 38.0504, 46.0736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 169, 175) }
```

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

```
.background{ background-color: rgb(151,  
169, 175) }
```

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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