

Converting Colors

XYZ(34.6820, 38.8494, 40.9500)

Have a look what the booklet for
XYZ(34.6820, 38.8494, 40.9500)
contains.

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Color

**XYZ(34.5902, 38.6762,
40.7641)**

Conversions

Conversions Part 1

Format	Color
Hex	9AABA4
RGB	154, 171, 164
RGB Percent	60%, 67%, 64%
CMY	0.3961, 0.3294, 0.3569
CMYK	0.10, 0.00, 0.04, 0.33
HSL	155°, 9%, 64%
HSV	155°, 10%, 67%
XYZ	34.5902, 38.6762, 40.7641
YIQ	165.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

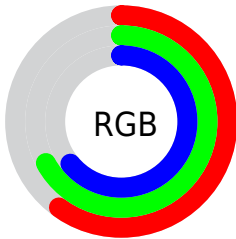
Format	Color
RYB	154, 165, 171
Decimal	10136484
CIELab	68.52, -7.32, 1.57
CIELCh	69, 7.482, 167.877
Yxy	38.6762, 0.3033, 0.3392
Android (android.graphics.Color)	4288326564 (0xFF9AABA4)
YUV	165.1190, -0.5517, -9.7514
Hunter-Lab	62.1902, -9.5511, 4.6700

Details

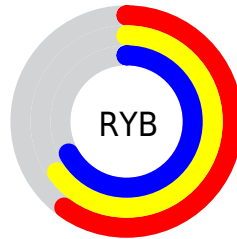
The XYZ color **34.5902, 38.6762, 40.7641** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7846, 34.3434, 38.5157**, and the grayscale version is **35.8274, 37.6933, 41.0480**.

A 20% lighter version of the original color is **65.9950, 72.9171, 77.6139**, and **15.1150, 17.2471, 17.8616** is the 20% darker color. If you saturate the color by 10%, you get **30.9462, 36.8702, 37.3652**, and if you desaturate by 10%, it is **38.7353, 40.7386, 44.3719**.

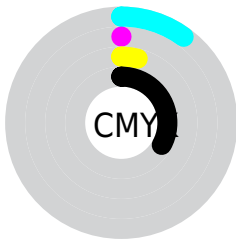
Distribution



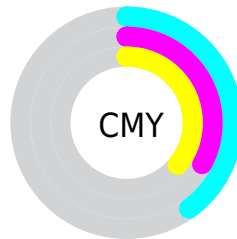
- Red (60%)
- Green (67%)
- Blue (64%)



- Red (60%)
- Yellow (65%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)



- Cyan (40%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5902, 38.6762, 40.7641 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 34.5902, 38.6762, 40.7641 by changing the saturation by 10% instead.

■ 34.5902, 38.6762,
40.7641

■ 34.5902, 38.6762,
40.7641

314.2956,
340.5119, 364.9811

■ 23.5124, 26.5079,
27.8165

■ 66.1886, 73.1434,
77.5754

■ 15.0951, 17.2040,
17.9495

■ 87.4400, 96.2111,
102.2762

■ 8.9729, 10.3801,
10.7447

112.8133,
123.6808, 131.7319

■ 4.7805, 5.6517,
5.7834

142.6738,
155.9367, 166.3608

■ 2.1525, 2.6344,
2.6472

177.3869,
193.3635, 206.5817

■ 0.7175, 0.9440,
0.9167

217.3180,

■ 0.0000, 0.0000,

236.3453, 252.8130

0.0000

262.8325,
285.2666, 305.4733

■ 34.5902, 38.6762,
40.7641

■ 34.5902, 38.6762,
40.7641

■ 30.9462, 36.8702,
37.3652

■ 38.7353, 40.7386,
44.3719

■ 27.7799, 35.3054,
34.1689

■ 43.3972, 43.0622,
48.1900

■ 25.0711, 33.9725,
31.1719

■ 48.5947, 45.6578,
52.2226

■ 22.7965, 32.8595,
28.3700

■ 54.3451, 48.5341,
56.4736

■ 20.9308, 31.9536,
25.7590

■ 60.6644, 51.6993,
60.9461

■ 19.4460, 31.2403,
23.3341

■ 66.9757, 54.8561,
65.6160

■ 18.3105, 30.7034,
21.0907

■ 67.8523, 55.2067,
70.2318

■ 17.4869, 30.3237,
19.0233

■ 68.7677, 55.5729,
75.0522

■ 16.8950, 30.0600,
17.1248

■ 69.7224, 55.9548,
80.0798

Harmonies

Analogous

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



35.1060, 38.6762, 37.9090



34.5902, 38.6762, 40.7641



34.6467, 38.6762, 44.1347

Triad

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



34.5902, 38.6762, 40.7641



37.4603, 38.6762, 48.5922



38.3008, 38.6762, 37.4813

Complementary

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



34.5902, 38.6762, 40.7641



34.7846, 34.3434, 38.5157

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.



38.9587, 38.6762, 40.1517



34.5902, 38.6762, 40.7641



38.4663, 38.6762, 46.6143

Square

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



34.5902, 38.6762, 40.7641



36.2869, 38.6762, 48.7778



39.0199, 38.6762, 43.4889



37.2383, 38.6762, 36.0826

Rectangle

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



34.5902, 38.6762, 40.7641



35.0015, 38.6762, 46.2215



39.0199, 38.6762, 43.4889



38.5776, 38.6762, 38.2533

Sweetspot

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



34.5913, 38.6778, 40.7650



66.9635, 71.7596, 77.4146



35.1117, 39.0464, 36.2586



14.7993, 15.9361, 17.1484



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.



34.5913, 38.6778, 40.7650



60.3896, 68.4928, 71.5903



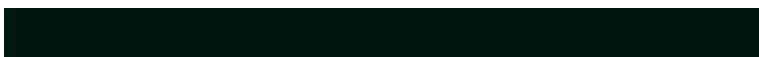
34.9752, 38.4054, 44.0996



8.0946, 9.0154, 9.5233



12.7599, 22.6692, 13.0414



0.3813, 0.6412, 0.5015

Inverse Universe

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



34.7846, 34.3434, 38.5157



60.8085, 59.1040, 66.7185



34.4194, 34.5737, 35.4317



8.1369, 8.0680, 9.0317



13.5292, 6.8742, 5.1661



0.4040, 0.2023, 0.2892

Previews

White Background



This preview shows how the XYZ color 34.5902, 38.6762, 40.7641 looks on a white background.

Color Contrast Check

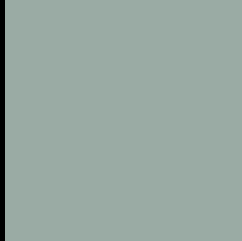
Large Text (above 18pt) WCAG AA × Fail

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 34.5902, 38.6762, 40.7641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

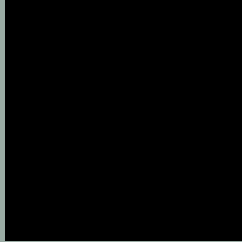
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

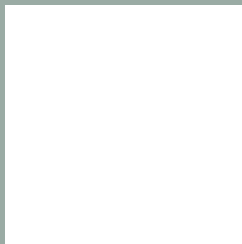
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5902, 38.6762, 40.7641

Background



This preview shows how black text looks on a background with the XYZ color 34.5902, 38.6762, 40.7641.



This preview shows how white text looks on a background with the XYZ color 34.5902, 38.6762,

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

34.5902, 38.6762, 40.7641

Protanopia

36.8638, 38.5036, 39.2072

Deuteranopia

39.1562, 38.3102, 41.4072



Tritanopia

36.3508, 38.5508, 49.7811

Trichromacy



Original Color

34.5902, 38.6762, 40.7641

Protanomaly

36.0413, 38.6132, 39.7359

Deuteranomaly

37.2599, 38.3975, 41.0450

Tritanomaly

35.6361, 38.5390, 46.1180

Monochromacy



Original Color

34.5902, 38.6762, 40.7641

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.3082, 37.9311, 41.0578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5902, 38.6762, 40.7641 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(154, 171, 164)` looks like.

```
.text, #text, p{  
    color:rgb(154, 171, 164)  
}
```

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(154, 171, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 171, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.5902, 38.6762, 40.7641 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(154, 171, 164) }
```


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

```
.border{ border-color:rgb(154, 171, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 171, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 171, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 171, 164);  
box-shadow:4px 4px 4px 4px rgb(154, 171,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5902, 38.6762, 40.7641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 171, 164) }
```

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

```
.background{ background-color: rgb(154,  
171, 164) }
```

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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