

Converting Colors

XYZ(35.8838, 40.7494, 41.6803)

Have a look what the booklet for
XYZ(35.8838, 40.7494, 41.6803)
contains.

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Color

**XYZ(35.8344, 40.7358,
41.5714)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB0A5
RGB	155, 176, 165
RGB Percent	61%, 69%, 65%
CMY	0.3922, 0.3098, 0.3529
CMYK	0.12, 0.00, 0.06, 0.31
HSL	149°, 12%, 65%
HSV	149°, 12%, 69%
XYZ	35.8344, 40.7358, 41.5714
YIQ	168.4670, -8.9850, -7.8730

Conversions

Conversions Part 2

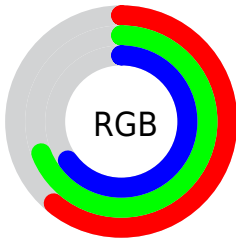
Format	Color
R _Y B	155, 169, 176
Decimal	10203301
CIE Lab	69.99, -9.44, 3.17
CIE LCh	70, 9.958, 161.449
Yxy	40.7358, 0.3033, 0.3448
Android (android.graphics.Color)	4288393381 (0xFF9BB0A5)
YUV	168.4670, -1.7092, -11.8106
Hunter-Lab	63.8246, -11.4740, 6.0594

Details

The XYZ color **35.8344, 40.7358, 41.5714** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5102, 35.4270, 40.9920**, and the grayscale version is **37.4612, 39.4121, 42.9198**.

A 20% lighter version of the original color is **68.3532, 76.5822, 78.8894**, and **15.7725, 18.3012, 18.3240** is the 20% darker color. If you saturate the color by 10%, you get **31.8907, 38.7974, 37.1632**, and if you desaturate by 10%, it is **40.3333, 42.9557, 46.3232**.

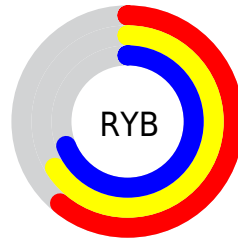
Distribution



Red (61%)

Green (69%)

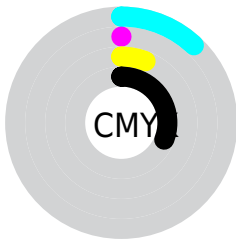
Blue (65%)



Red (61%)

Yellow (66%)

Blue (69%)

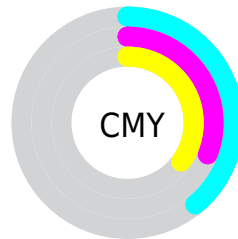


Cyan (12%)

Magenta (0%)

Yellow (6%)

Black (31%)



Cyan (39%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8344, 40.7358, 41.5714 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 35.8344, 40.7358, 41.5714 by changing the saturation by 10% instead.

■ 35.8344, 40.7358,
41.5714

■ 35.8344, 40.7358,
41.5714

319.6800,
349.2152, 368.4503

■ 24.4758, 28.1127,
28.4428

■ 68.1019, 76.2827,
78.8136

■ 15.8136, 18.4106,
18.4178

■ 89.7416, 99.9752,
103.7643

■ 9.4824, 11.2452,
11.0778

115.5391,
128.1264, 133.4927

■ 5.1167, 6.2320,
6.0044

145.8596,
161.1206, 168.4175

■ 2.3514, 2.9867,
2.7789

181.0686,
199.3421, 208.9570

■ 0.8208, 1.1248,
0.9829

221.5315,

■ 0.0000, 0.0000,

243.1755, 255.5300

0.0000

267.6135,
293.0051, 308.5549

■ 35.8344, 40.7358,
41.5714

■ 35.8344, 40.7358,
41.5714

■ 31.8907, 38.7974,
37.1632

■ 40.3333, 42.9557,
46.3232

■ 28.4762, 37.1238,
33.0881

■ 45.4051, 45.4627,
51.4233

■ 25.5681, 35.7046,
29.3392

■ 51.0710, 48.2686,
56.8797

■ 23.1404, 34.5265,
25.9082

■ 57.3499, 51.3832,
62.6994

■ 21.1645, 33.5750,
22.7864

■ 64.2601, 54.8157,
68.8891

■ 19.6091, 32.8339,
19.9646

■ 69.7272, 57.4966,
75.3575

■ 18.4381, 32.2851,
17.4333

■ 70.9849, 57.9997,
81.9808

■ 17.6089, 31.9066,
15.1822

■ 72.3112, 58.5302,
88.9645

■ 17.1185, 31.6892,
13.5611

■ 73.7069, 59.0885,
96.3142

Harmonies

Analogous

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



36.6890, 40.7358, 37.9872



35.8344, 40.7358, 41.5714



35.7395, 40.7358, 46.1522

Triad

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



35.8344, 40.7358, 41.5714



39.3409, 40.7358, 53.7030



41.1046, 40.7358, 38.6974

Complementary

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



35.8344, 40.7358, 41.5714



36.5102, 35.4270, 40.9920

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.



41.8579, 40.7358, 42.6038



35.8344, 40.7358, 41.5714



40.8208, 40.7358, 51.3960

Square

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



35.8344, 40.7358, 41.5714



37.7338, 40.7358, 53.3782



41.7526, 40.7358, 47.2588



39.7195, 40.7358, 36.4096

Rectangle

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



35.8344, 40.7358, 41.5714



36.1165, 40.7358, 49.1826



41.7526, 40.7358, 47.2588



41.4418, 40.7358, 39.8529

Sweetspot

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



35.8355, 40.7375, 41.5723



71.3185, 77.0007, 82.1170



37.2110, 41.5477, 37.0692



15.3209, 16.6207, 17.6553



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.



35.8355, 40.7375, 41.5723



63.2490, 73.0233, 73.4915



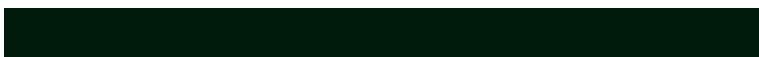
36.8116, 41.1280, 46.7123



8.5518, 9.5552, 9.8996



12.5888, 23.2615, 10.1034



0.4256, 0.7437, 0.4735

Inverse Universe

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



36.5102, 35.4270, 40.9920



64.6867, 61.7065, 72.2548



35.6024, 35.0638, 36.2116



8.6761, 8.5772, 9.7927



14.5905, 7.3537, 8.2693



0.4883, 0.2431, 0.4142

Previews

White Background



This preview shows how the XYZ color 35.8344, 40.7358, 41.5714 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 35.8344, 40.7358, 41.5714 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

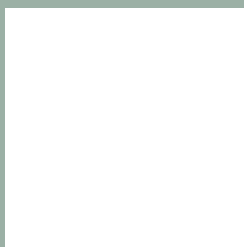
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.8344, 40.7358, 41.5714

Background



This preview shows how black text looks on a background with the XYZ color 35.8344, 40.7358, 41.5714.



This preview shows how white text looks on a background with the XYZ color 35.8344, 40.7358,

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

35.8344, 40.7358, 41.5714

Protanopia

38.8008, 40.5882, 39.9717

Deuteranopia

41.4165, 40.5191, 42.1973



Tritanopia

38.2113, 40.8459, 52.8838

Trichromacy



Original Color

35.8344, 40.7358, 41.5714

Protanomaly

37.5118, 40.4742, 40.4856

Deuteranomaly

39.2024, 40.4762, 41.8229

Tritanomaly

37.3733, 40.7959, 48.5524

Monochromacy



Original Color

35.8344, 40.7358, 41.5714

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.6422, 39.7024, 42.2913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8344, 40.7358, 41.5714 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(155, 176, 165)` looks like.

```
.text, #text, p{  
    color:rgb(155, 176, 165)  
}
```

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(155, 176, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 176, 165) }
```

Border

The CSS property to change the border of an element to XYZ 35.8344, 40.7358, 41.5714 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(155, 176, 165) }
```


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

```
.border{ border-color:rgb(155, 176, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 176, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 176, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 176, 165);  
box-shadow:4px 4px 4px 4px rgb(155, 176,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8344, 40.7358, 41.5714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 176, 165) }
```

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

```
.background{ background-color: rgb(155,  
176, 165) }
```

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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