

Converting Colors

XYZ(37.5889, 41.2668, 37.8661)

Have a look what the booklet for
XYZ(37.5889, 41.2668, 37.8661)
contains.

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Color

**XYZ(37.5840, 41.1414,
37.8585)**

Conversions

Conversions Part 1

Format	Color
Hex	A9AE9D
RGB	169, 174, 157
RGB Percent	66%, 68%, 62%
CMY	0.3373, 0.3176, 0.3843
CMYK	0.03, 0.00, 0.10, 0.32
HSL	78°, 9%, 65%
HSV	78°, 10%, 68%
XYZ	37.5840, 41.1414, 37.8585
YIQ	170.5670, 2.4770, -6.3470

Conversions

Conversions Part 2

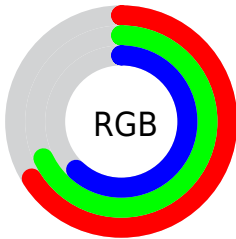
Format	Color
RYB	157, 174, 162
Decimal	11120285
CIELab	70.27, -4.88, 8.11
CIELCh	70, 9.468, 121.032
Yxy	41.1414, 0.3224, 0.3529
Android (android.graphics.Color)	4289310365 (0xFFA9AE9D)
YUV	170.5670, -6.6885, -1.3743
Hunter-Lab	64.1416, -7.6550, 9.9041

Details

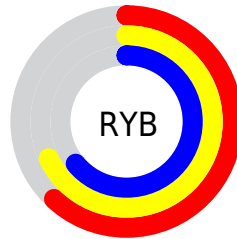
The XYZ color **37.5840, 41.1414, 37.8585** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.5989, 34.8525, 44.9502**, and the grayscale version is **38.5241, 40.5303, 44.1375**.

A 20% lighter version of the original color is **70.6434, 76.6394, 73.3569**, and **16.8972, 18.7416, 16.3626** is the 20% darker color. If you saturate the color by 10%, you get **35.1262, 40.0352, 30.5332**, and if you desaturate by 10%, it is **40.2987, 42.3580, 46.3020**.

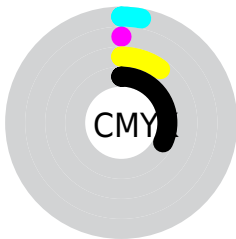
Distribution



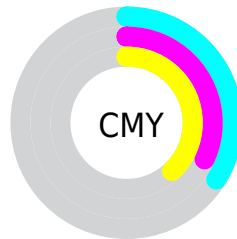
- Red (66%)
- Green (68%)
- Blue (62%)



- Red (62%)
- Yellow (68%)
- Blue (64%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (32%)



- Cyan (34%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5840, 41.1414, 37.8585 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 37.5840, 41.1414, 37.8585 by changing the saturation by 10% instead.

■ 37.5840, 41.1414,
37.8585

■ 37.5840, 41.1414,
37.8585

327.1439,
350.9112, 352.2926

■ 25.8357, 28.4296,
25.5719

■ 70.7781, 76.8985,
73.0922

■ 16.8328, 18.6497,
16.2808

■ 92.9546, 100.7126,
96.8764

■ 10.2099, 11.4175,
9.5665

119.3379,
128.9962, 125.3302

■ 5.6017, 6.3484,
5.0107

150.2934,
162.1337, 158.8722

■ 2.6428, 3.0580,
2.1947

186.1864,
200.5096, 197.9209

■ 0.9678, 1.1621,
0.6713

227.3822,

■ 0.0000, 0.0304,

244.5083, 242.8948

0.0000

274.2462,
294.5140, 294.2125

0.0000, 0.0000,
0.0000

37.5840, 41.1414,
37.8585

37.5840, 41.1414,
37.8585

35.1262, 40.0352,
30.5332

40.2987, 42.3580,
46.3020

32.9126, 39.0302,
24.2765

43.2757, 43.6833,
55.9052

30.9343, 38.1242,
19.0391

46.5246, 45.1223,
66.7106

29.1804, 37.3128,
14.7668

50.0534, 46.6785,
78.7579

27.6391, 36.5912,
11.4003

53.8698, 48.3549,
92.0849

■ 26.2976, 35.9541,
8.8738

■ 56.9325, 49.7350,
101.2069

■ 25.1409, 35.3956,
7.1126

■ 58.3207, 50.4507,
101.2719

■ 24.1521, 34.9088,
6.0288

■ 59.7551, 51.1901,
101.3390

■ 23.2955, 34.4794,
5.4388

■ 61.2361, 51.9537,
101.4083

Harmonies

Analogous

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



39.0499, 41.1414, 36.7759



37.5840, 41.1414, 37.8585



36.5482, 41.1414, 40.7793

Triad

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



37.5840, 41.1414, 37.8585



37.6748, 41.1414, 52.7046



42.1668, 41.1414, 44.6421

Complementary

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



37.5840, 41.1414, 37.8585



34.5989, 34.8525, 44.9502

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.



41.7755, 41.1414, 49.0681



37.5840, 41.1414, 37.8585



39.1575, 41.1414, 53.9048

Square

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



37.5840, 41.1414, 37.8585



36.5997, 41.1414, 49.3521



40.6638, 41.1414, 52.5331



41.7193, 41.1414, 40.5293

Rectangle

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



37.5840, 41.1414, 37.8585



36.2268, 41.1414, 43.4757



40.6638, 41.1414, 52.5331



42.1289, 41.1414, 46.1428

Sweetspot

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



37.5851, 41.1432, 37.8594



71.4271, 76.0846, 78.7296



36.4309, 37.2104, 37.1611



15.7870, 16.8711, 17.2219



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.



37.5851, 41.1432, 37.8594



67.0417, 74.1178, 65.2424



35.8574, 40.2525, 37.7785



8.4297, 9.2101, 8.5468



16.9432, 25.0316, 3.9386



0.5225, 0.7227, 0.1120

Inverse Universe

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



34.5989, 34.8525, 44.9502



60.3834, 60.0912, 81.0531



36.3445, 35.7524, 45.0319



7.7922, 7.8672, 10.0605



6.5918, 2.7581, 29.2294



0.2387, 0.1052, 0.8157

Previews

White Background



This preview shows how the XYZ color 37.5840, 41.1414, 37.8585 looks on a white background.

Color Contrast Check

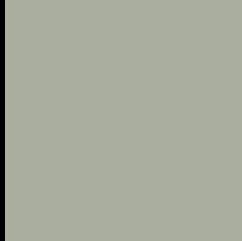
Large Text (above 18pt) WCAG AA × Fail

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 37.5840, 41.1414, 37.8585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

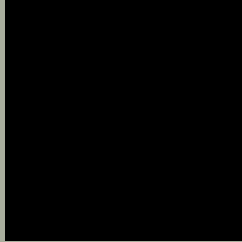
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

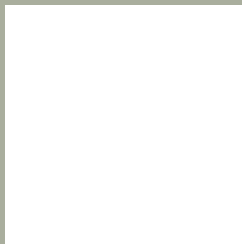
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.5840, 41.1414, 37.8585

Background



This preview shows how black text looks on a background with the XYZ color 37.5840, 41.1414, 37.8585.



This preview shows how white text looks on a background with the XYZ color 37.5840, 41.1414,

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

37.5840, 41.1414, 37.8585

Protanopia

39.0697, 41.0761, 36.8796

Deuteranopia

41.8865, 41.1131, 38.5289



Tritanopia

40.2600, 41.0944, 51.1575

Trichromacy



Original Color

37.5840, 41.1414, 37.8585

Protanomaly

38.4325, 41.0193, 37.3444

Deuteranomaly

40.1267, 41.0349, 38.1534

Tritanomaly

39.2161, 40.9525, 45.8821

Monochromacy



Original Color

37.5840, 41.1414, 37.8585

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.2130, 40.8043, 41.9384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5840, 41.1414, 37.8585 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(169, 174, 157)` looks like.

```
.text, #text, p{  
    color:rgb(169, 174, 157)  
}
```

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(169, 174, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 174, 157) }
```

Border

The CSS property to change the border of an element to XYZ 37.5840, 41.1414, 37.8585 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(169, 174, 157) }
```


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

```
.border{ border-color:rgb(169, 174, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 174, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 174, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 174, 157);  
box-shadow:4px 4px 4px 4px rgb(169, 174,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5840, 41.1414, 37.8585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 174, 157) }
```

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

```
.background{ background-color: rgb(169,  
174, 157) }
```

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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