

Converting Colors

XYZ(37.6925, 40.5465, 41.4369)

Have a look what the booklet for
XYZ(37.6925, 40.5465, 41.4369)
contains.

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Color

**XYZ(37.6925, 40.5465,
41.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	A8ACA5
RGB	168, 172, 165
RGB Percent	66%, 67%, 65%
CMY	0.3412, 0.3255, 0.3529
CMYK	0.02, 0.00, 0.04, 0.33
HSL	94°, 4%, 66%
HSV	94°, 4%, 67%
XYZ	37.6925, 40.5465, 41.4370
YIQ	170.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

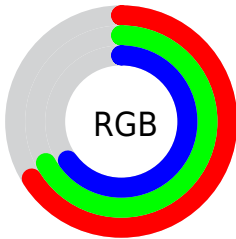
Format	Color
RYB	165, 172, 169
Decimal	11054245
CIELab	69.86, -2.73, 3.09
CIELCh	70, 4.125, 131.389
Yxy	40.5465, 0.3150, 0.3388
Android (android.graphics.Color)	4289244325 (0xFFA8ACA5)
YUV	170.0060, -2.4680, -1.7593
Hunter-Lab	63.6761, -5.7718, 5.9906

Details

The XYZ color **37.6925, 40.5465, 41.4370** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2653, 38.3250, 44.4652**, and the grayscale version is **38.2244, 40.2150, 43.7942**.

A 20% lighter version of the original color is **70.8188, 75.7935, 78.6072**, and **16.8996, 18.3382, 18.2717** is the 20% darker color. If you saturate the color by 10%, you get **34.2165, 38.9246, 33.6442**, and if you desaturate by 10%, it is **41.5397, 42.3377, 50.3480**.

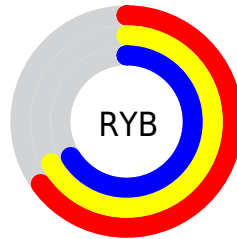
Distribution



Red (66%)

Green (67%)

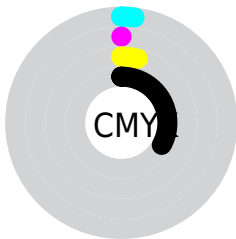
Blue (65%)



Red (65%)

Yellow (67%)

Blue (66%)

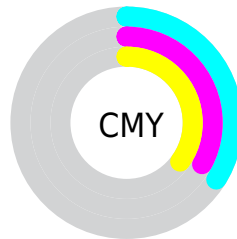


Cyan (2%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (34%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6925, 40.5465, 41.4370 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 37.6925, 40.5465, 41.4370 by changing the saturation by 10% instead.

■ 37.6925, 40.5465,
41.4370

■ 37.6925, 40.5465,
41.4370

327.6027,
348.4216, 367.8743

■ 25.9202, 27.9649,
28.3384

■ 70.9435, 75.9950,
78.6077

■ 16.8964, 18.2992,
18.3397

■ 93.1530, 99.6307,
103.5169

■ 10.2555, 11.1650,
11.0222

119.5722,
127.7198, 133.2001

■ 5.6322, 6.1779,
5.9674

150.5666,
160.6469, 168.0758

■ 2.6613, 2.9536,
2.7568

186.5015,
198.7962, 208.5625

■ 0.9773, 1.1075,
0.9718

227.7423,

■ 0.0000, 0.0000,

242.5521, 255.0788

0.0000

274.6542,
292.2992, 308.0432

■ 37.6925, 40.5465,
41.4370

■ 37.6925, 40.5465,
41.4370

■ 34.2165, 38.9246,
33.6442

■ 41.5397, 42.3377,
50.3480

■ 31.0965, 37.4618,
26.9229

■ 45.7659, 44.2979,
60.4162

■ 28.3211, 36.1542,
21.2269

■ 50.3830, 46.4336,
71.6821

■ 25.8771, 34.9962,
16.5057

■ 55.4013, 48.7491,
84.1832

■ 23.7500, 33.9816,
12.7043

■ 60.8307, 51.2489,
97.9555

■ 21.9245, 33.1037,
9.7627

■ 64.4811, 53.0571,
101.4503

■ 20.3836, 32.3554,
7.6132

■ 67.6717, 54.7020,
101.5996

■ 19.1082, 31.7283,
6.1783

■ 71.0424, 56.4396,
101.7573

■ 18.0759, 31.2130,
5.3649

■ 74.0433, 57.9866,
101.8978

Harmonies

Analogous

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



38.2843, 40.5465, 40.6284



37.6925, 40.5465, 41.4370



37.3299, 40.5465, 42.9809

Triad

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



37.6925, 40.5465, 41.4370



38.1285, 40.5465, 47.7389



39.8153, 40.5465, 43.4235

Complementary

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



37.6925, 40.5465, 41.4370



37.2653, 38.3250, 44.4652

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.



39.7724, 40.5465, 45.3365



37.6925, 40.5465, 41.4370



38.7933, 40.5465, 47.8658

Square

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



37.6925, 40.5465, 41.4370



37.5795, 40.5465, 46.6335



39.3965, 40.5465, 46.9752



39.5131, 40.5465, 41.7529

Rectangle

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



37.6925, 40.5465, 41.4370



37.2643, 40.5465, 44.2378



39.3965, 40.5465, 46.9752



39.8409, 40.5465, 44.0588

Sweetspot

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



37.6936, 40.5482, 41.4379



70.4366, 74.5155, 79.8874



37.9882, 39.8524, 41.2881



15.3159, 16.1978, 17.3807



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.



37.6936, 40.5482, 41.4379



67.7057, 73.2431, 73.6395



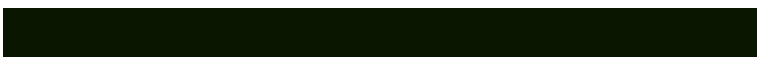
37.1049, 40.2398, 41.6326



8.5196, 9.2417, 9.2176



13.1216, 23.0615, 3.7597



0.4285, 0.6742, 0.1076

Inverse Universe

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



37.2653, 38.3250, 44.4652



66.7409, 68.2350, 80.4588



37.8716, 38.6427, 44.2599



8.3862, 8.5490, 10.1608



9.3796, 4.1953, 29.3599



0.3219, 0.1481, 0.8196

Previews

White Background



This preview shows how the XYZ color 37.6925, 40.5465, 41.4370 looks on a white background.

Color Contrast Check

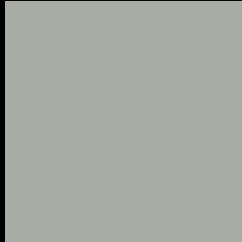
Large Text (above 18pt) WCAG AA × Fail

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 37.6925, 40.5465, 41.4370 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

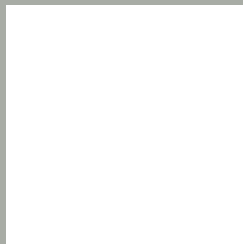
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.6925, 40.5465, 41.4370

Background



This preview shows how black text looks on a background with the XYZ color 37.6925, 40.5465, 41.4370.



This preview shows how white text looks on a background with the XYZ color 37.6925, 40.5465,

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

37.6925, 40.5465, 41.4370

Protanopia

38.7548, 40.5437, 40.9051

Deuteranopia

41.3243, 40.4823, 41.7122



Tritanopia

39.5298, 40.4528, 50.5245

Trichromacy



Original Color

37.6925, 40.5465, 41.4370

Protanomaly

38.2770, 40.5768, 40.9367

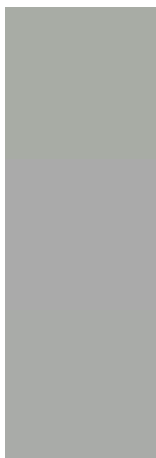
Deuteranomaly

39.9416, 40.5822, 41.8044

Tritanomaly

38.7888, 40.4301, 46.8337

Monochromacy



Original Color

37.6925, 40.5465, 41.4370

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.9930, 40.3880, 42.8390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6925, 40.5465, 41.4370 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(168, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(168, 172, 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(168, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 172, 165) }
```

Border

The CSS property to change the border of an element to XYZ 37.6925, 40.5465, 41.4370 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(168, 172, 165) }
```


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

```
.border{ border-color:rgb(168, 172, 165) }
```

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

Here you see how a box with a 4 pixel rgb(168, 172, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(168, 172,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6925, 40.5465, 41.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 172, 165) }
```

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

```
.background{ background-color: rgb(168,  
172, 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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