

Converting Colors

XYZ(40.0710, 42.8116, 35.9051)

Have a look what the booklet for
XYZ(40.0710, 42.8116, 35.9051)
contains.

XYZ(40.0535, 42.7507, 35.8464)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.0535, 42.7507,
35.8464)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AF98
RGB	181, 175, 152
RGB Percent	71%, 69%, 60%
CMY	0.2902, 0.3137, 0.4039
CMYK	0.00, 0.03, 0.16, 0.29
HSL	48°, 16%, 65%
HSV	48°, 16%, 71%
XYZ	40.0535, 42.7507, 35.8464
YIQ	174.1720, 10.9590, -5.8810

Conversions

Conversions Part 2

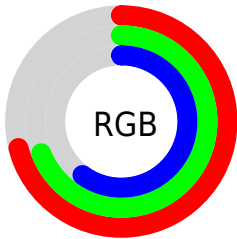
Format	Color
RYB	160, 181, 152
Decimal	11906968
CIELab	71.39, -1.80, 12.57
CIELCh	71, 12.693, 98.152
Yxy	42.7507, 0.3376, 0.3603
Android (android.graphics.Color)	4290097048 (0xFFB5AF98)
YUV	174.1720, -10.9308, 5.9882
Hunter-Lab	65.3840, -5.0750, 13.2634

Details

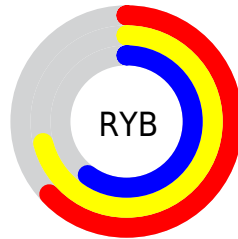
The XYZ color **40.0535, 42.7507, 35.8464** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5161, 34.4645, 48.6022**, and the grayscale version is **40.3719, 42.4744, 46.2546**.

A 20% lighter version of the original color is **74.3624, 79.0544, 69.7322**, and **18.3340, 19.6947, 15.1471** is the 20% darker color. If you saturate the color by 10%, you get **37.9649, 40.7673, 28.3861**, and if you desaturate by 10%, it is **42.3909, 44.8688, 44.5068**.

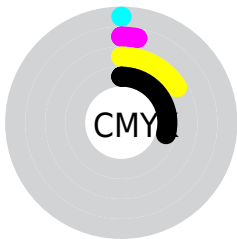
Distribution



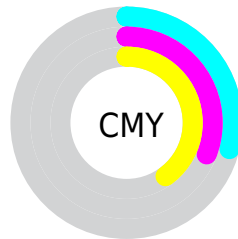
- Red (71%)
- Green (69%)
- Blue (60%)



- Red (63%)
- Yellow (71%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0535, 42.7507, 35.8464 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 40.0535, 42.7507, 35.8464 by changing the saturation by 10% instead.

■ 40.0535, 42.7507,
35.8464

■ 40.0535, 42.7507,
35.8464

337.4796,
357.5855, 343.3058

■ 27.7647, 29.6896,
24.0268

■ 74.5288, 79.3345,
69.9613

■ 18.2879, 19.6031,
15.1411

■ 97.4460, 103.6260,
93.0937

■ 11.2578, 12.1068,
8.7708

124.6366,
132.4297, 120.8342

■ 6.3091, 6.8165,
4.4972

156.4661,
166.1300, 153.6012

■ 3.0764, 3.3476,
1.9019

193.2998,
205.1114, 191.8133

■ 1.1943, 1.3158,
0.4939

235.5030,

■ 0.1018, 0.1534,

249.7582, 235.8891

0.0000

283.4412,
300.4547, 286.2471

■ 0.0000, 0.0000,
0.0000

■ 40.0535, 42.7507,
35.8464

■ 40.0535, 42.7507,
35.8464

■ 37.9649, 40.7673,
28.3861

■ 42.3909, 44.8688,
44.5068

■ 36.1111, 38.9084,
22.0693

■ 44.9834, 47.1201,
54.4151

■ 34.4824, 37.1713,
16.8388

■ 47.8412, 49.5103,
65.6197

■ 33.0663, 35.5509,
12.6316

■ 50.9731, 52.0432,
78.1656

■ 31.8497, 34.0414,
9.3780

■ 54.3874, 54.7223,
92.0959

■ 30.8174, 32.6367,
6.9995

■ 57.1768, 57.1851,
102.6320

■ 29.9520, 31.3295,
5.4054

■ 58.0398, 58.9110,
102.9197

■ 29.2310, 30.1104,
4.4780

■ 58.9240, 60.6795,
103.2144

■ 28.9654, 29.6423,
4.1949

■ 59.8297, 62.4908,
103.5163

Harmonies

Analogous

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



42.1813, 42.7507, 36.4599



40.0535, 42.7507, 35.8464



38.1480, 42.7507, 37.8960

Triad

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



40.0535, 42.7507, 35.8464



37.4877, 42.7507, 54.2009



44.5667, 42.7507, 51.0652

Complementary

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



40.0535, 42.7507, 35.8464



33.5161, 34.4645, 48.6022

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.



43.2242, 42.7507, 56.4264



40.0535, 42.7507, 35.8464



39.1236, 42.7507, 58.3444

Square

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



40.0535, 42.7507, 35.8464



36.7009, 42.7507, 48.2366



41.2186, 42.7507, 59.1926



44.8369, 42.7507, 44.8998

Rectangle

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



40.0535, 42.7507, 35.8464



37.2426, 42.7507, 40.6122



41.2186, 42.7507, 59.1926



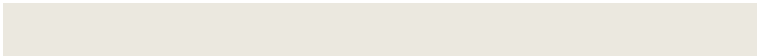
44.2237, 42.7507, 53.0363

Sweetspot

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



40.0546, 42.7526, 35.8473



76.3366, 80.7265, 81.2786



36.4807, 34.7592, 37.2627



16.4328, 17.3893, 17.3171



86.6293, 91.1408, 99.2523



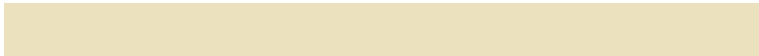
17.0014, 17.8868, 19.4787

Same Dimension

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



40.0546, 42.7526, 35.8473



70.4552, 75.3712, 59.5648



39.3774, 44.1746, 36.1575



9.0449, 9.6023, 9.0292



20.0188, 20.5361, 2.9088



0.6675, 0.7215, 0.1041

Inverse Universe

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



33.5161, 34.4645, 48.6022



56.6585, 57.8839, 86.4811



34.1098, 33.2892, 48.3440



8.1796, 8.5054, 10.7169



6.2565, 3.3133, 30.4468



0.2381, 0.1868, 0.9717

Previews

White Background



This preview shows how the XYZ color 40.0535, 42.7507, 35.8464 looks on a white background.

Color Contrast Check

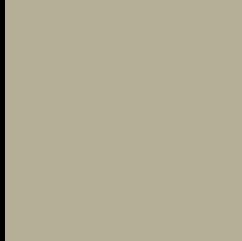
Large Text (above 18pt) WCAG AA × Fail

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 40.0535, 42.7507, 35.8464 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

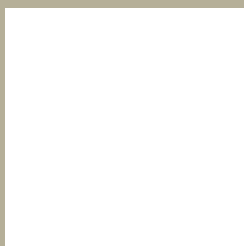
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0535, 42.7507, 35.8464

Background



This preview shows how black text looks on a background with the XYZ color 40.0535, 42.7507, 35.8464.



This preview shows how white text looks on a background with the XYZ color 40.0535, 42.7507,

35.8464.

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

40.0535, 42.7507, 35.8464

Protanopia

40.3320, 42.6064, 35.8039

Deuteranopia

43.3056, 42.4473, 36.0477



Tritanopia

43.0340, 42.5244, 51.2873

Trichromacy



Original Color

40.0535, 42.7507, 35.8464

Protanomaly

40.0950, 42.4842, 35.7928

Deuteranomaly

42.0509, 42.6322, 36.1495

Tritanomaly

41.9661, 42.6740, 45.0548

Monochromacy



Original Color

40.0535, 42.7507, 35.8464

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.1504, 42.3724, 42.1389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0535, 42.7507, 35.8464 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(181, 175, 152)` looks like.

```
.text, #text, p{  
    color:rgb(181, 175, 152)  
}
```

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(181, 175, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 175, 152) }
```

Border

The CSS property to change the border of an element to XYZ 40.0535, 42.7507, 35.8464 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(181, 175, 152) }
```


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

```
.border{ border-color:rgb(181, 175, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 175, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 175, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 175, 152);  
box-shadow:4px 4px 4px 4px rgb(181, 175,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0535, 42.7507, 35.8464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 175, 152) }
```

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

```
.background{ background-color: rgb(181,  
175, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor