

Converting Colors

XYZ(39.6995, 40.7592, 35.2291)

Have a look what the booklet for
XYZ(39.6995, 40.7592, 35.2291)
contains.

XYZ(39.7815, 40.9246, 35.0807)	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(39.7815, 40.9246,
35.0807)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A997
RGB	185, 169, 151
RGB Percent	73%, 66%, 59%
CMY	0.2745, 0.3372, 0.4078
CMYK	0.00, 0.09, 0.18, 0.27
HSL	32°, 20%, 66%
HSV	32°, 18%, 73%
XYZ	39.7815, 40.9246, 35.0807
YIQ	171.7320, 15.3140, -2.2060

Conversions

Conversions Part 2

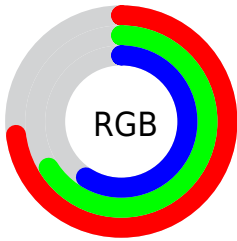
Format	Color
RYB	181, 185, 151
Decimal	12167575
CIELab	70.12, 2.79, 11.38
CIELCh	70, 11.716, 76.220
Yxy	40.9246, 0.3436, 0.3534
Android (android.graphics.Color)	4290357655 (0xFFB9A997)
YUV	171.7320, -10.2209, 11.6360
Hunter-Lab	63.9723, -0.9505, 12.2676

Details

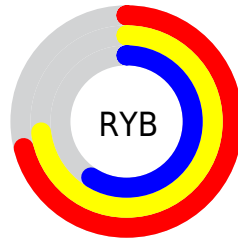
The XYZ color **39.7815, 40.9246, 35.0807** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3380, 37.7188, 51.3173**, and the grayscale version is **39.1227, 41.1602, 44.8234**.

A 20% lighter version of the original color is **73.9507, 76.4199, 68.6105**, and **18.1773, 18.5482, 14.6787** is the 20% darker color. If you saturate the color by 10%, you get **36.8300, 37.2401, 27.2570**, and if you desaturate by 10%, it is **43.0788, 44.9228, 44.1839**.

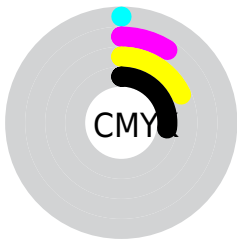
Distribution



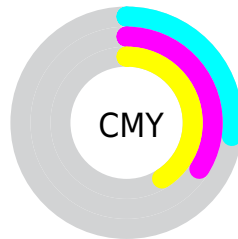
- Red (73%)
- Green (66%)
- Blue (59%)



- Red (71%)
- Yellow (73%)
- Blue (59%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (27%)





- Cyan (27%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7815, 40.9246, 35.0807 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 39.7815, 40.9246, 35.0807 by changing the saturation by 10% instead.


 39.7815, 40.9246,
35.0807


 39.7815, 40.9246,
35.0807


336.3520,
350.0054, 339.8395

 27.5517, 28.2602,
23.4410


 74.1171, 76.5694,
68.7638

 18.1267, 18.5219,
14.7111


 96.9537, 100.3186,
91.6442

 11.1412, 11.3253,
8.4725


124.0564,
128.5315, 119.1086

 6.2299, 6.2861,
4.3067

155.7909,
161.5925, 151.5756

 3.0274, 3.0198,
1.7951

192.5223,
199.8860, 189.4636

 1.1682, 1.1421,
0.4247

234.6160,

 0.0811, 0.0136,

243.7964, 233.1912

0.0000

282.4375,
293.7080, 283.1770

■ 0.0000, 0.0000,
0.0000

■ 39.7815, 40.9246,
35.0807

■ 39.7815, 40.9246,
35.0807

■ 36.8300, 37.2401,
27.2570

■ 43.0788, 44.9228,
44.1839

■ 34.2080, 33.8551,
20.6517

■ 46.7310, 49.2372,
54.6185

■ 31.9025, 30.7625,
15.2026

■ 50.7506, 53.8775,
66.4371

■ 29.8986, 27.9526,
10.8410

■ 55.1488, 58.8511,
79.6881

■ 28.1794, 25.4153,
7.4906

■ 59.9361, 64.1654,
94.4180

■ 26.7266, 23.1391,
5.0652

■ 63.9745, 69.3680,
104.6253

■ 25.5185, 21.1117,
3.4641

■ 66.3357, 74.0903,
105.4123

■ 24.5214, 19.3155,
2.5220

■ 68.8179, 79.0546,
106.2397

■ 24.3718, 19.0425,
2.3910

■ 71.4227, 84.2642,
107.1080

Harmonies

Analogous

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



41.5019, 40.9246, 37.3700



39.7815, 40.9246, 35.0807



37.8779, 40.9246, 35.1799

Triad

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



39.7815, 40.9246, 35.0807



35.4673, 40.9246, 47.5716



41.6178, 40.9246, 52.2636

Complementary

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



39.7815, 40.9246, 35.0807



35.3380, 37.7188, 51.3173

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.



39.9354, 40.9246, 55.4746



39.7815, 40.9246, 35.0807



36.4046, 40.9246, 52.6175

Square

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



39.7815, 40.9246, 35.0807



35.4291, 40.9246, 42.0944



38.0269, 40.9246, 55.6092



42.5854, 40.9246, 47.1199

Rectangle

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



39.7815, 40.9246, 35.0807



36.7617, 40.9246, 36.5806



38.0269, 40.9246, 55.6092



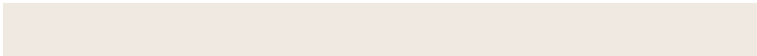
41.1147, 40.9246, 53.6226

Sweetspot

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



39.7826, 40.9264, 35.0816



78.5875, 82.1666, 83.1796



38.0899, 35.2541, 41.5673



16.8538, 17.6086, 17.6827



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.7826, 40.9264, 35.0816



69.0717, 70.6039, 56.9821



42.8064, 47.1767, 36.1286



9.3876, 9.7782, 9.4995



16.6684, 13.1131, 1.6526



0.6490, 0.5851, 0.0787

Inverse Universe

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



35.3380, 37.7188, 51.3173



59.6565, 63.8092, 91.3768



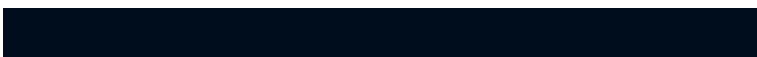
32.6920, 32.2703, 50.4050



8.8601, 9.3975, 11.4264



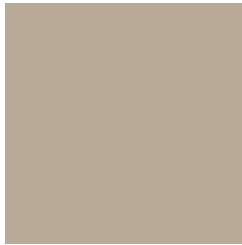
8.3573, 7.1743, 32.1974



0.3567, 0.3770, 1.1557

Previews

White Background



This preview shows how the XYZ color 39.7815, 40.9246, 35.0807 looks on a white background.

Color Contrast Check

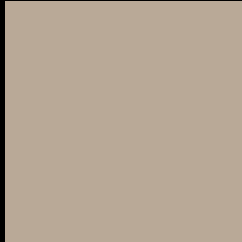
Large Text (above 18pt) WCAG AA × Fail

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 39.7815, 40.9246, 35.0807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

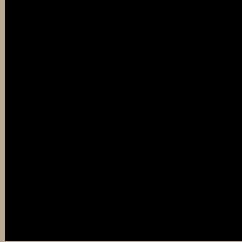
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

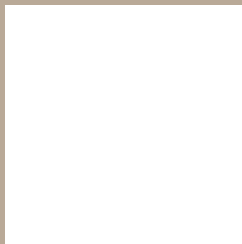
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7815, 40.9246, 35.0807

Background



This preview shows how black text looks on a background with the XYZ color 39.7815, 40.9246, 35.0807.



This preview shows how white text looks on a background with the XYZ color 39.7815, 40.9246,

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

39.7815, 40.9246, 35.0807

Protanopia

38.8208, 40.9765, 35.5689

Deuteranopia

41.6283, 40.7794, 35.3829



Tritanopia

42.2301, 40.8160, 47.7720

Trichromacy



Original Color

39.7815, 40.9246, 35.0807

Protanomaly

39.0983, 40.8402, 35.5280

Deuteranomaly

40.7896, 40.6158, 35.3956

Tritanomaly

41.1976, 40.6644, 42.7235

Monochromacy



Original Color

39.7815, 40.9246, 35.0807

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.3952, 41.1533, 40.9890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7815, 40.9246, 35.0807 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(185, 169, 151)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 151)  
}
```

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(185, 169, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 151) }
```

Border

The CSS property to change the border of an element to XYZ 39.7815, 40.9246, 35.0807 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(185, 169, 151) }
```


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

```
.border{ border-color:rgb(185, 169, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 169, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 169, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 169, 151);  
box-shadow:4px 4px 4px 4px rgb(185, 169,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7815, 40.9246, 35.0807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 151) }
```

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

```
.background{ background-color: rgb(185,  
169, 151) }
```

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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