

Converting Colors

XYZ(39.7514, 43.3803, 40.0004)

Have a look what the booklet for
XYZ(39.7514, 43.3803, 40.0004)
contains.

XYZ(39.8090, 43.4127, 39.9995)	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(39.8090, 43.4127,
39.9995)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB2A1
RGB	174, 178, 161
RGB Percent	68%, 70%, 63%
CMY	0.3176, 0.3019, 0.3686
CMYK	0.02, 0.00, 0.10, 0.30
HSL	74°, 10%, 66%
HSV	74°, 10%, 70%
XYZ	39.8090, 43.4127, 39.9995
YIQ	174.8660, 3.0730, -6.1350

Conversions

Conversions Part 2

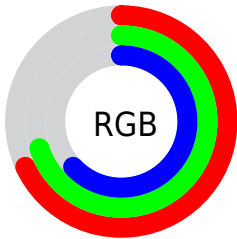
Format	Color
RYB	161, 178, 165
Decimal	11448993
CIELab	71.83, -4.50, 8.20
CIELCh	72, 9.352, 118.752
Yxy	43.4127, 0.3231, 0.3523
Android (android.graphics.Color)	4289639073 (0xFFFAEB2A1)
YUV	174.8660, -6.8359, -0.7595
Hunter-Lab	65.8883, -7.4568, 10.1280

Details

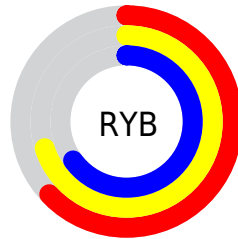
The XYZ color **39.8090, 43.4127, 39.9995** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2995, 36.7046, 47.2933**, and the grayscale version is **40.7124, 42.8326, 46.6447**.

A 20% lighter version of the original color is **74.1306, 80.4615, 76.5893**, and **18.1200, 19.9089, 17.3558** is the 20% darker color. If you saturate the color by 10%, you get **37.4309, 42.3567, 32.2693**, and if you desaturate by 10%, it is **42.4421, 44.5769, 48.9100**.

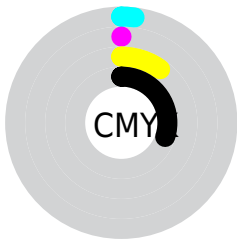
Distribution



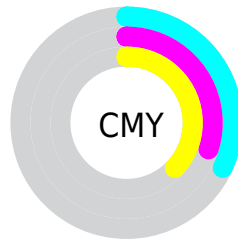
- Red (68%)
- Green (70%)
- Blue (63%)



- Red (63%)
- Yellow (70%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8090, 43.4127, 39.9995 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 39.8090, 43.4127, 39.9995 by changing the saturation by 10% instead.

■ 39.8090, 43.4127,
39.9995

■ 39.8090, 43.4127,
39.9995

336.4661,
360.3063, 361.6735

■ 27.5732, 30.2091,
27.2244

■ 74.1588, 80.3333,
76.3998

■ 18.1430, 19.9973,
17.5079

■ 97.0035, 104.8190,
100.8621

■ 11.1530, 12.3931,
10.4315

124.1151,
133.8342, 130.0572

■ 6.2379, 7.0120,
5.5766

155.8592,
167.7633, 164.4036

■ 3.0323, 3.4696,
2.5248

192.6010,
206.9906, 204.3199

■ 1.1709, 1.3815,
0.8533

234.7058,

■ 0.0832, 0.2031,

251.9006, 250.2246

0.0000

282.5391,
302.8777, 302.5363

■ 0.0000, 0.0000,
0.0000

■ 39.8090, 43.4127,
39.9995

■ 39.8090, 43.4127,
39.9995

■ 37.4309, 42.3567,
32.2693

■ 42.4421, 44.5769,
48.9100

■ 35.2946, 41.3993,
25.6671

■ 45.3358, 45.8474,
59.0446

■ 33.3910, 40.5383,
20.1408

■ 48.4999, 47.2294,
70.4482

■ 31.7090, 39.7692,
15.6332

■ 51.9426, 48.7263,
83.1627

■ 30.2363, 39.0871,
12.0817

■ 55.6717, 50.3413,
97.2280

■ 28.9596, 38.4866,
9.4169

■ 57.5638, 51.2249,
101.4612

■ 27.8635, 37.9615,
7.5599

■ 58.6924, 51.8067,
101.5140

■ 26.9303, 37.5047,
6.4180

■ 59.8519, 52.4045,
101.5683

■ 26.1246, 37.1020,
5.8074

■ 61.0425, 53.0183,
101.6240

Harmonies

Analogous

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



41.3291, 43.4127, 39.0431



39.8090, 43.4127, 39.9995



38.7031, 43.4127, 42.8702

Triad

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



39.8090, 43.4127, 39.9995



39.6965, 43.4127, 55.1583



44.3957, 43.4127, 47.4601

Complementary

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



39.8090, 43.4127, 39.9995



36.2995, 36.7046, 47.2933

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.



43.9323, 43.4127, 51.9590



39.8090, 43.4127, 39.9995



41.1959, 43.4127, 56.5761

Square

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



39.8090, 43.4127, 39.9995



38.6393, 43.4127, 51.6079



42.7509, 43.4127, 55.3700



44.0018, 43.4127, 43.1805

Rectangle

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



39.8090, 43.4127, 39.9995



38.3354, 43.4127, 45.5813



42.7509, 43.4127, 55.3700



44.3348, 43.4127, 48.9979

Sweetspot

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



39.8102, 43.4146, 40.0004



75.2385, 80.0735, 82.7877



38.2437, 38.9377, 39.2189



16.5834, 17.7024, 18.0502



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.



39.8102, 43.4146, 40.0004



71.4517, 78.3984, 70.0936



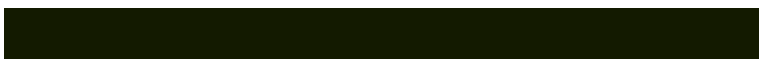
37.9831, 42.4727, 39.9149



8.9976, 9.8038, 9.0706



18.7241, 26.5627, 4.1402



0.6368, 0.8603, 0.1325

Inverse Universe

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



36.2995, 36.7046, 47.2933



64.0761, 64.3013, 85.4154



38.1192, 37.6427, 47.3785



8.2231, 8.3235, 10.6795



6.4782, 2.6754, 30.3120



0.2561, 0.1111, 0.9562

Previews

White Background



This preview shows how the XYZ color 39.8090, 43.4127, 39.9995 looks on a white background.

Color Contrast Check

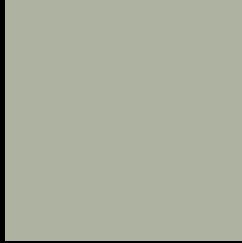
Large Text (above 18pt) WCAG AA × Fail

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 39.8090, 43.4127, 39.9995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

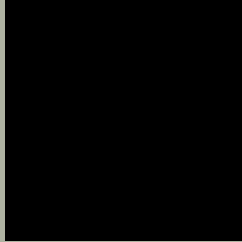
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

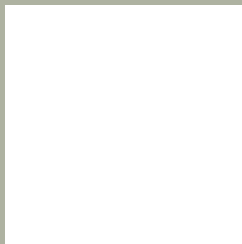
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8090, 43.4127, 39.9995

Background



This preview shows how black text looks on a background with the XYZ color 39.8090, 43.4127, 39.9995.



This preview shows how white text looks on a background with the XYZ color 39.8090, 43.4127,

39.9995.

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

39.8090, 43.4127, 39.9995

Protanopia

41.2036, 43.2653, 39.4371

Deuteranopia

44.2743, 43.3996, 40.6938



Tritanopia

42.5732, 43.3679, 53.7039

Trichromacy



Original Color

39.8090, 43.4127, 39.9995

Protanomaly

40.6929, 43.2920, 39.4692

Deuteranomaly

42.4514, 43.3146, 40.3055

Tritanomaly

41.4973, 43.2214, 48.2749

Monochromacy



Original Color

39.8090, 43.4127, 39.9995

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.4602, 43.0669, 44.2105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8090, 43.4127, 39.9995 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(174, 178, 161)` looks like.

```
.text, #text, p{  
    color:rgb(174, 178, 161)  
}
```

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(174, 178, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 178, 161) }
```

Border

The CSS property to change the border of an element to XYZ 39.8090, 43.4127, 39.9995 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(174, 178, 161) }
```


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

```
.border{ border-color:rgb(174, 178, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 178, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 178, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 178, 161);  
box-shadow:4px 4px 4px 4px rgb(174, 178,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8090, 43.4127, 39.9995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 178, 161) }
```

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

```
.background{ background-color: rgb(174,  
178, 161) }
```

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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