

Converting Colors

XYZ(36.5851, 39.7756, 37.6475)

Have a look what the booklet for
XYZ(36.5851, 39.7756, 37.6475)
contains.

XYZ(36.5851, 39.7756, 37.6475)	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(36.5851, 39.7756,
37.6475)**

Conversions

Conversions Part 1

Format	Color
Hex	A7AB9D
RGB	167, 171, 157
RGB Percent	65%, 67%, 62%
CMY	0.3451, 0.3294, 0.3843
CMYK	0.02, 0.00, 0.08, 0.33
HSL	77°, 8%, 64%
HSV	77°, 8%, 67%
XYZ	36.5851, 39.7756, 37.6475
YIQ	168.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

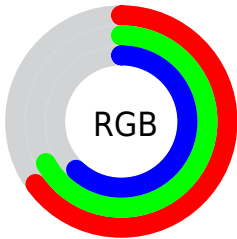
Format	Color
RYB	157, 171, 161
Decimal	10988445
CIELab	69.31, -4.00, 6.71
CIELCh	69, 7.812, 120.799
Yxy	39.7756, 0.3209, 0.3489
Android (android.graphics.Color)	4289178525 (0xFFA7AB9D)
YUV	168.2080, -5.5255, -1.0594
Hunter-Lab	63.0679, -6.8226, 8.7552

Details

The XYZ color **36.5851, 39.7756, 37.6475** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1070, 34.6323, 43.4171**, and the grayscale version is **37.3481, 39.2931, 42.7902**.

A 20% lighter version of the original color is **69.2042, 74.6758, 73.0538**, and **16.2686, 17.8791, 16.2292** is the 20% darker color. If you saturate the color by 10%, you get **34.2132, 38.7111, 30.4414**, and if you desaturate by 10%, it is **39.2026, 40.9455, 45.9335**.

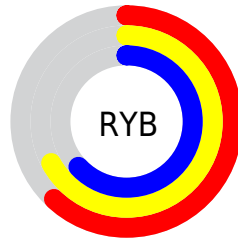
Distribution



Red (65%)

Green (67%)

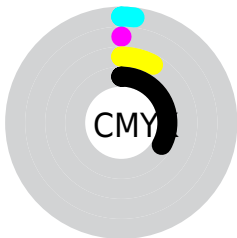
Blue (62%)



Red (62%)

Yellow (67%)

Blue (63%)

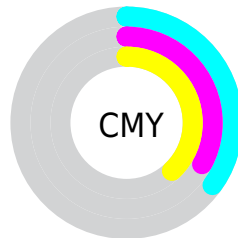


Cyan (2%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (35%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5851, 39.7756, 37.6475 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 36.5851, 39.7756, 37.6475 by changing the saturation by 10% instead.

■ 36.5851, 39.7756,
37.6475

■ 36.5851, 39.7756,
37.6475

322.8975,
345.1769, 351.3582

■ 25.0586, 27.3636,
25.4095

■ 69.2522, 74.8217,
72.7649

■ 16.2497, 17.8465,
16.1606

■ 91.1235, 98.2246,
96.4815

■ 9.7930, 10.8398,
9.4823

117.1738,
126.0599, 124.8613

■ 5.3231, 5.9592,
4.9560

147.7684,
158.7121, 158.3229

■ 2.4748, 2.8203,
2.1632

183.2728,
196.5655, 197.2848

■ 0.8825, 1.0387,
0.6530

224.0522,

■ 0.0000, 0.0000,

240.0044, 242.1657

0.0000

270.4720,
289.4134, 293.3839

■ 36.5851, 39.7756,
37.6475

■ 36.5851, 39.7756,
37.6475

■ 34.2132, 38.7111,
30.4414

■ 39.2026, 40.9455,
45.9335

■ 32.0749, 37.7431,
24.2681

■ 42.0708, 42.2189,
55.3386

■ 30.1616, 36.8696,
19.0809

■ 45.1987, 43.6008,
65.9034

■ 28.4632, 36.0865,
14.8285

■ 48.5940, 45.0943,
77.6656

■ 26.9687, 35.3891,
11.4550

■ 52.2637, 46.7023,
90.6611

■ 25.6659, 34.7727,
8.8984

■ 55.4648, 48.1275,
100.9740

■ 24.5410, 34.2317,
7.0889

■ 56.7600, 48.7952,
101.0346

■ 23.5780, 33.7596,
5.9447

■ 58.0971, 49.4845,
101.0972

■ 22.7500, 33.3456,
5.3262

■ 59.4764, 50.1956,
101.1617

Harmonies

Analogous

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



37.7719, 39.7756, 36.7686



36.5851, 39.7756, 37.6475



35.7409, 39.7756, 40.0286

Triad

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



36.5851, 39.7756, 37.6475



36.6421, 39.7756, 49.6164



40.2664, 39.7756, 43.2127

Complementary

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



36.5851, 39.7756, 37.6475



34.1070, 34.6323, 43.4171

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.



39.9481, 39.7756, 46.7637



36.5851, 39.7756, 37.6475



37.8391, 39.7756, 50.5821

Square

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



36.5851, 39.7756, 37.6475



35.7733, 39.7756, 46.9393



39.0528, 39.7756, 49.5111



39.9133, 39.7756, 39.8706

Rectangle

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



36.5851, 39.7756, 37.6475



35.4764, 39.7756, 42.2148



39.0528, 39.7756, 49.5111



40.2344, 39.7756, 44.4217

Sweetspot

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



36.5862, 39.7773, 37.6484



68.3512, 72.5007, 76.3192



35.6208, 36.5716, 37.0805



15.2544, 16.1732, 17.0570



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.



36.5862, 39.7773, 37.6484



64.6415, 70.8415, 64.7053



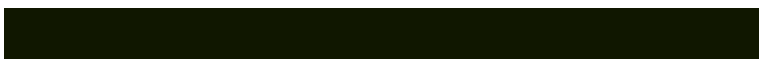
35.1538, 39.0389, 37.5813



8.4362, 9.2135, 8.5471



17.0951, 25.1099, 3.9457



0.5258, 0.7244, 0.1121

Inverse Universe

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



34.1070, 34.6323, 43.4171



59.1970, 59.5422, 77.3747



35.5503, 35.3764, 43.4847



7.7859, 7.8640, 10.0602



6.5379, 2.7303, 29.2269



0.2363, 0.1040, 0.8156

Previews

White Background



This preview shows how the XYZ color 36.5851, 39.7756, 37.6475 looks on a white background.

Color Contrast Check

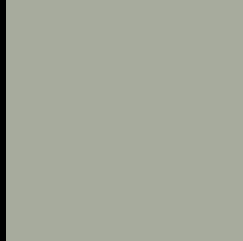
Large Text (above 18pt) WCAG AA × Fail

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 36.5851, 39.7756, 37.6475 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

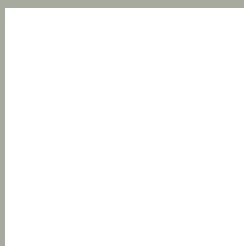
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5851, 39.7756, 37.6475

Background



This preview shows how black text looks on a background with the XYZ color 36.5851, 39.7756, 37.6475.



This preview shows how white text looks on a background with the XYZ color 36.5851, 39.7756,

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

36.5851, 39.7756, 37.6475

Protanopia

37.6826, 39.5195, 37.0944

Deuteranopia

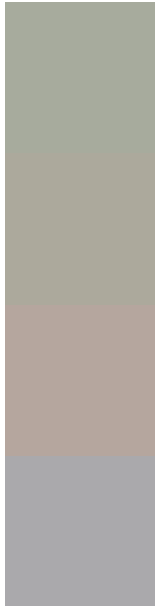
40.3415, 39.5164, 38.3021



Tritanopia

39.1377, 39.9994, 49.3739

Trichromacy



Original Color

36.5851, 39.7756, 37.6475

Protanomaly

37.2020, 39.5469, 37.1250

Deuteranomaly

38.8638, 39.5648, 37.9362

Tritanomaly

38.2119, 39.9005, 44.7173

Monochromacy



Original Color

36.5851, 39.7756, 37.6475

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.0373, 39.3811, 40.7712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5851, 39.7756, 37.6475 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(167, 171, 157)` looks like.

```
.text, #text, p{  
    color:rgb(167, 171, 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(167, 171, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 171, 157) }
```

Border

The CSS property to change the border of an element to XYZ 36.5851, 39.7756, 37.6475 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(167, 171, 157) }
```


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

```
.border{ border-color:rgb(167, 171, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 171, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 171, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 171, 157); box-shadow:4px 4px 4px 4px rgb(167, 171, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5851, 39.7756, 37.6475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 171, 157) }
```

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

```
.background{ background-color: rgb(167,  
171, 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](#).

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