

Converting Colors

XYZ(36.6678, 43.6590, 37.0596)

Have a look what the booklet for
XYZ(36.6678, 43.6590, 37.0596)
contains.

XYZ(36.6835, 43.6820, 37.0699)	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(36.6835, 43.6820,
37.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB89A
RGB	156, 184, 154
RGB Percent	61%, 72%, 60%
CMY	0.3882, 0.2784, 0.3961
CMYK	0.15, 0.00, 0.16, 0.28
HSL	116°, 17%, 66%
HSV	116°, 16%, 72%
XYZ	36.6835, 43.6820, 37.0699
YIQ	172.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

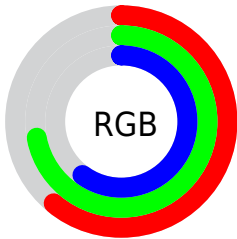
Format	Color
RYB	154, 184, 182
Decimal	10270874
CIELab	72.02, -15.34, 12.10
CIELCh	72, 19.535, 141.736
Yxy	43.6820, 0.3124, 0.3720
Android (android.graphics.Color)	4288460954 (0xFF9CB89A)
YUV	172.2080, -8.9765, -14.2144
Hunter-Lab	66.0924, -16.5881, 13.0101

Details

The XYZ color **36.6835, 43.6820, 37.0699** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.5006, 36.5183, 50.3165**, and the grayscale version is **39.3656, 41.4157, 45.1016**.

A 20% lighter version of the original color is **69.4092, 80.7231, 71.5974**, and **16.2734, 20.1549, 15.8646** is the 20% darker color. If you saturate the color by 10%, you get **32.1755, 41.5230, 29.4631**, and if you desaturate by 10%, it is **41.8988, 46.1810, 45.9379**.

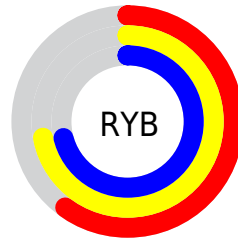
Distribution



Red (61%)

Green (72%)

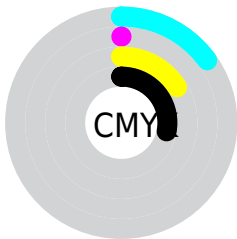
Blue (60%)



Red (60%)

Yellow (72%)

Blue (71%)

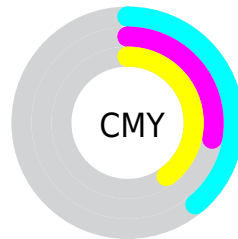


Cyan (15%)

Magenta (0%)

Yellow (16%)

Black (28%)



Cyan (39%)

Magenta (28%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6835, 43.6820, 37.0699 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 36.6835, 43.6820, 37.0699 by changing the saturation by 10% instead.

■ 36.6835, 43.6820,
37.0699

■ 36.6835, 43.6820,
37.0699

323.3176,
361.4090, 348.7909

■ 25.1351, 30.4206,
24.9654

■ 69.4027, 80.7390,
71.8678

■ 16.3070, 20.1580,
15.8325

■ 91.3043, 105.3034,
95.3983

■ 9.8339, 12.5100,
9.2526

117.3875,
134.4043, 123.5745

■ 5.3504, 7.0920,
4.8073

148.0179,
168.4259, 156.8151

■ 2.4911, 3.5197,
2.0779

183.5608,
207.7529, 195.5384

■ 0.8908, 1.4087,
0.6026

224.3814,

■ 0.0000, 0.2231,

252.7694, 240.1631

0.0000

270.8452,
303.8600, 291.1078

■ 0.0000, 0.0000,
0.0000

■ 36.6835, 43.6820,
37.0699

■ 36.6835, 43.6820,
37.0699

■ 32.1755, 41.5230,
29.4631

■ 41.8988, 46.1810,
45.9379

■ 28.3409, 39.6840,
23.0576

■ 47.8462, 49.0278,
56.1178

■ 25.1485, 38.1515,
17.7929

■ 54.5538, 52.2372,
67.6608

■ 22.5630, 36.9087,
13.6020

■ 62.0472, 55.8212,
80.6146

■ 20.5460, 35.9374,
10.4111

■ 70.3506, 59.7914,
95.0247

■ 19.0543, 35.2172,
8.1369

■ 76.4314, 62.7627,
102.6938

■ 18.0389, 34.7249,
6.6828

■ 17.4395, 34.4321,
5.9221

■ 17.2967, 34.3628,
5.7211

Harmonies

Analogous

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



39.1882, 43.6820, 32.4590



36.6835, 43.6820, 37.0699



35.4893, 43.6820, 44.9707

Triad

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



36.6835, 43.6820, 37.0699



40.6034, 43.6820, 68.1538



47.7656, 43.6820, 41.0791

Complementary

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



36.6835, 43.6820, 37.0699



39.5006, 36.5183, 50.3165

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.



48.1944, 43.6820, 50.2515



36.6835, 43.6820, 37.0699



43.9392, 43.6820, 66.7460

Square

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



36.6835, 43.6820, 37.0699



37.6719, 43.6820, 63.4912



46.7606, 43.6820, 59.8683



45.6183, 43.6820, 34.5488

Rectangle

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



36.6835, 43.6820, 37.0699



35.5501, 43.6820, 51.3972



46.7606, 43.6820, 59.8683



48.1199, 43.6820, 43.9231

Sweetspot

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



36.6847, 43.6839, 37.0709



77.1940, 84.3074, 85.3959



42.3298, 45.9816, 37.2168



16.4878, 18.1014, 18.1472



88.6918, 93.3107, 101.6153



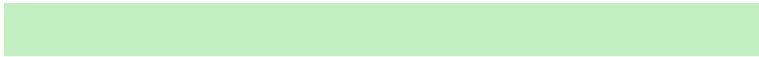
17.8044, 18.7317, 20.3988

Same Dimension

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



36.6847, 43.6839, 37.0709



63.0536, 77.5349, 61.3723



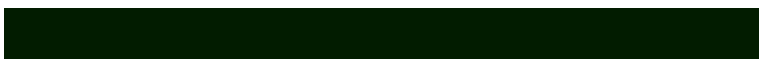
37.4434, 43.9430, 43.0689



8.9443, 10.0879, 9.5827



11.9428, 23.6931, 3.9438



0.4398, 0.8449, 0.1399

Inverse Universe

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



39.5006, 36.5183, 50.3165



69.2408, 61.7869, 90.4813



38.6750, 36.2430, 43.4868



9.3203, 9.1315, 11.3508



17.6723, 8.4216, 31.9472



0.6408, 0.3061, 1.1271

Previews

White Background



This preview shows how the XYZ color 36.6835, 43.6820, 37.0699 looks on a white background.

Color Contrast Check

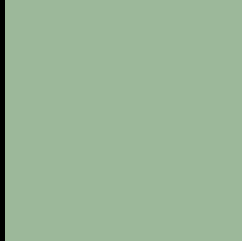
Large Text (above 18pt) WCAG AA × Fail

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 36.6835, 43.6820, 37.0699 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

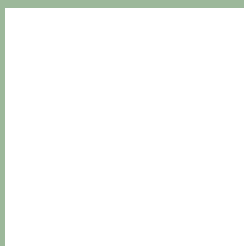
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.6835, 43.6820, 37.0699

Background



This preview shows how black text looks on a background with the XYZ color 36.6835, 43.6820, 37.0699.



This preview shows how white text looks on a background with the XYZ color 36.6835, 43.6820,

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

36.6835, 43.6820, 37.0699

Protanopia

41.0379, 43.5670, 35.1005

Deuteranopia

44.2799, 43.4631, 37.9537



Tritanopia

40.6460, 43.7718, 56.7586

Trichromacy



Original Color

36.6835, 43.6820, 37.0699

Protanomaly

39.1616, 43.4732, 35.6053

Deuteranomaly

41.0979, 43.2506, 37.6346

Tritanomaly

39.1578, 43.7760, 49.0336

Monochromacy



Original Color

36.6835, 43.6820, 37.0699

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.0428, 41.8743, 41.6748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6835, 43.6820, 37.0699 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(156, 184, 154) looks like.

```
.text, #text, p{  
    color:rgb(156, 184, 154)  
}
```

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(156, 184, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 184, 154) }
```

Border

The CSS property to change the border of an element to XYZ 36.6835, 43.6820, 37.0699 is called "border". The border property can be set on classes, ids or directly on the HTML element.

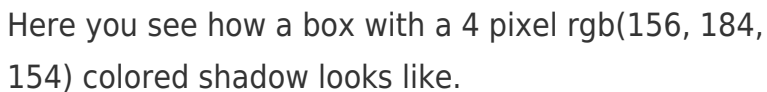
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 184, 154) }
```


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

```
.border{ border-color:rgb(156, 184, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 184, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 184, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 184, 154);  
box-shadow:4px 4px 4px 4px rgb(156, 184,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6835, 43.6820, 37.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 184, 154) }
```

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

```
.background{ background-color: rgb(156,  
184, 154) }
```

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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