

Converting Colors

XYZ(37.5689, 43.5965, 35.7797)

Have a look what the booklet for
XYZ(37.5689, 43.5965, 35.7797)
contains.

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Color

**XYZ(37.6237, 43.5828,
35.7075)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B697
RGB	164, 182, 151
RGB Percent	64%, 71%, 59%
CMY	0.3569, 0.2863, 0.4078
CMYK	0.10, 0.00, 0.17, 0.29
HSL	95°, 18%, 65%
HSV	95°, 17%, 71%
XYZ	37.6237, 43.5828, 35.7075
YIQ	173.0840, -0.7770, -13.4570

Conversions

Conversions Part 2

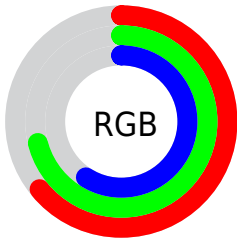
Format	Color
RYB	151, 182, 169
Decimal	10794647
CIELab	71.95, -11.97, 13.71
CIELCh	72, 18.202, 131.106
Yxy	43.5828, 0.3218, 0.3728
Android (android.graphics.Color)	4288984727 (0xFFA4B697)
YUV	173.0840, -10.8874, -7.9667
Hunter-Lab	66.0173, -13.8018, 14.1432

Details

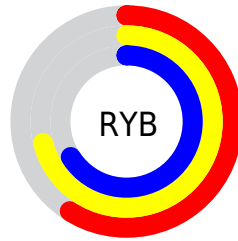
The XYZ color **37.6237, 43.5828, 35.7075** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.8741, 33.9469, 48.9200**, and the grayscale version is **39.8184, 41.8921, 45.6204**.

A 20% lighter version of the original color is **70.8074, 80.6169, 69.5863**, and **16.8326, 20.0654, 15.0424** is the 20% darker color. If you saturate the color by 10%, you get **34.1672, 41.9600, 28.4166**, and if you desaturate by 10%, it is **41.4921, 45.3941, 44.2107**.

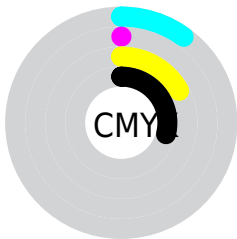
Distribution



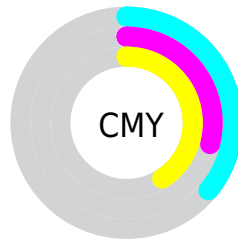
- Red (64%)
- Green (71%)
- Blue (59%)



- Red (59%)
- Yellow (71%)
- Blue (66%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (29%)



- Cyan (36%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6237, 43.5828, 35.7075 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 37.6237, 43.5828, 35.7075 by changing the saturation by 10% instead.

■ 37.6237, 43.5828,
35.7075

■ 37.6237, 43.5828,
35.7075

327.3118,
361.0031, 342.6789

■ 25.8666, 30.3427,
23.9205

■ 70.8386, 80.5896,
69.7443

■ 16.8561, 20.0988,
15.0630

■ 93.0272, 105.1250,
92.8312

■ 10.2266, 12.4669,
8.7165

119.4237,
134.1943, 120.5218

■ 5.6129, 7.0625,
4.4624

150.3934,
168.1820, 153.2346

■ 2.6495, 3.5012,
1.8823

186.3017,
207.4722, 191.3881

■ 0.9713, 1.3987,
0.4814

227.5140,

■ 0.0000, 0.2157,

252.4496, 235.4010

0.0000

274.3956,
303.4984, 285.6918

■ 0.0000, 0.0000,
0.0000

■ 37.6237, 43.5828,
35.7075

■ 37.6237, 43.5828,
35.7075

■ 34.1672, 41.9600,
28.4166

■ 41.4921, 45.3941,
44.2107

■ 31.1043, 40.5137,
22.2800

■ 45.7828, 47.3944,
53.9749

■ 28.4203, 39.2388,
17.2391

■ 50.5103, 49.5913,
65.0498

■ 26.0982, 38.1281,
13.2293

■ 55.6874, 51.9904,
77.4813

■ 24.1195, 37.1735,
10.1788

■ 61.3261, 54.5969,
91.3133

■ 22.4637, 36.3663,
8.0071

■ 66.5887, 57.0763,
102.1150

■ 21.1076, 35.6965,
6.6200

■ 70.0337, 58.8522,
102.2762

■ 20.0202, 35.1510,
5.8847

■ 73.6870, 60.7356,
102.4472

■ 19.7342, 35.0070,
5.7169

■ 76.0188, 61.9377,
102.5563

Harmonies

Analogous

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



40.2854, 43.5828, 32.5831



37.6237, 43.5828, 35.7075



36.0313, 43.5828, 42.1330

Triad

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



37.6237, 43.5828, 35.7075



39.5219, 43.5828, 65.5280



47.5595, 43.5828, 44.2380

Complementary

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



37.6237, 43.5828, 35.7075



35.8741, 33.9469, 48.9200

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.



47.3299, 43.5828, 53.2058



37.6237, 43.5828, 35.7075



42.5842, 43.5828, 66.2757

Square

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



37.6237, 43.5828, 35.7075



37.0888, 43.5828, 59.5994



45.4723, 43.5828, 61.5303



46.0848, 43.5828, 37.0825

Rectangle

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



37.6237, 43.5828, 35.7075



35.7402, 43.5828, 47.7849



45.4723, 43.5828, 61.5303



47.6809, 43.5828, 47.1251

Sweetspot

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



37.6249, 43.5847, 35.7084



76.6762, 82.9742, 83.4179



38.9865, 40.3961, 35.0212



16.8191, 18.2722, 18.1627



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.



37.6249, 43.5847, 35.7084



66.0579, 78.0048, 60.1297



35.2470, 42.3393, 36.4812



9.2376, 10.2391, 9.5964



14.0077, 24.7575, 4.0404



0.5647, 0.9093, 0.1458

Inverse Universe

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



35.8741, 33.9469, 48.9200



62.3544, 57.6210, 88.0712



38.5911, 35.3721, 47.9402



9.0072, 8.9700, 11.3361



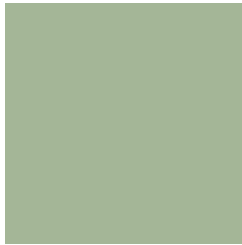
10.2113, 4.5753, 31.5980



0.4289, 0.1968, 1.1171

Previews

White Background



This preview shows how the XYZ color 37.6237, 43.5828, 35.7075 looks on a white background.

Color Contrast Check

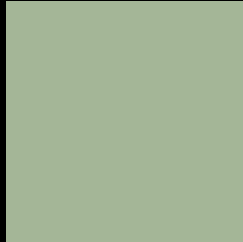
Large Text (above 18pt) WCAG AA × Fail

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 37.6237, 43.5828, 35.7075 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 37.6237, 43.5828, 35.7075

Background



This preview shows how black text looks on a background with the XYZ color 37.6237, 43.5828, 35.7075.



This preview shows how white text looks on a background with the XYZ color 37.6237, 43.5828,

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

37.6237, 43.5828, 35.7075

Protanopia

41.1203, 43.6279, 34.2707

Deuteranopia

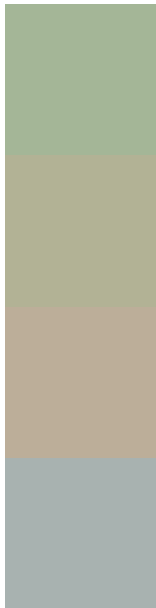
44.2949, 43.5001, 36.6336



Tritanopia

41.3972, 43.3144, 54.8939

Trichromacy



Original Color

37.6237, 43.5828, 35.7075

Protanomaly

39.7053, 43.4757, 34.7327

Deuteranomaly

41.6249, 43.2634, 36.2938

Tritanomaly

39.9053, 43.3002, 47.3288

Monochromacy



Original Color

37.6237, 43.5828, 35.7075

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.8944, 42.3133, 41.7146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6237, 43.5828, 35.7075 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(164, 182, 151)` looks like.

```
.text, #text, p{  
    color:rgb(164, 182, 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(164, 182, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 182, 151) }
```

Border

The CSS property to change the border of an element to XYZ 37.6237, 43.5828, 35.7075 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(164, 182, 151) }
```


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

```
.border{ border-color:rgb(164, 182, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 182, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 182, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 182, 151);  
box-shadow:4px 4px 4px 4px rgb(164, 182,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6237, 43.5828, 35.7075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 182, 151) }
```

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

```
.background{ background-color: rgb(164,  
182, 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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