

Converting Colors

XYZ(36.5970, 38.6964, 28.7063)

Have a look what the booklet for
XYZ(36.5970, 38.6964, 28.7063)
contains.

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Color

**XYZ(36.6706, 38.6337,
28.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A688
RGB	179, 166, 136
RGB Percent	70%, 65%, 53%
CMY	0.2980, 0.3490, 0.4667
CMYK	0.00, 0.07, 0.24, 0.30
HSL	42°, 22%, 62%
HSV	42°, 24%, 70%
XYZ	36.6706, 38.6337, 28.8169
YIQ	166.4670, 17.3780, -6.5740

Conversions

Conversions Part 2

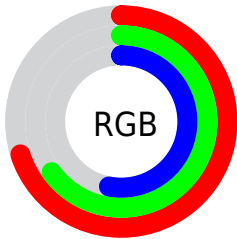
Format	Color
RYB	155, 179, 136
Decimal	11773576
CIELab	68.49, -0.16, 17.26
CIELCh	68, 17.257, 90.544
Yxy	38.6337, 0.3522, 0.3710
Android (android.graphics.Color)	4289963656 (0xFFB3A688)
YUV	166.4670, -15.0202, 10.9914
Hunter-Lab	62.1560, -3.4622, 16.0211

Details

The XYZ color **36.6706, 38.6337, 28.8169** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.0374, 29.9832, 46.9051**, and the grayscale version is **36.5371, 38.4398, 41.8610**.

A 20% lighter version of the original color is **69.3027, 73.0492, 58.5914**, and **16.3012, 17.1421, 11.2537** is the 20% darker color. If you saturate the color by 10%, you get **34.5407, 36.2423, 22.3462**, and if you desaturate by 10%, it is **39.0564, 41.1963, 36.4221**.

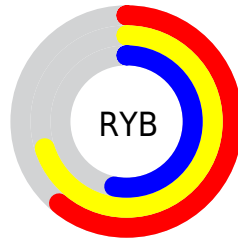
Distribution



Red (70%)

Green (65%)

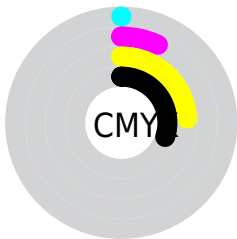
Blue (53%)



Red (61%)

Yellow (70%)

Blue (53%)

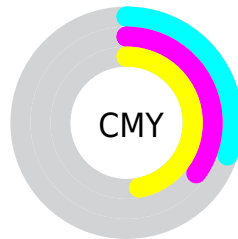


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6706, 38.6337, 28.8169 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 36.6706, 38.6337, 28.8169 by changing the saturation by 10% instead.

■ 36.6706, 38.6337,
28.8169

■ 36.6706, 38.6337,
28.8169

323.2625,
340.3306, 310.3839

■ 25.1251, 26.4749,
18.6980

■ 69.3830, 73.0784,
58.8248

■ 16.2995, 17.1792,
11.2776

■ 91.2806, 96.1331,
79.5508

■ 9.8285, 10.3624,
6.1374

■ 117.3595,
123.5885, 104.6495

■ 5.3468, 5.6399,
2.8587

147.9852,
155.8291, 134.5396

■ 2.4890, 2.6274,
1.0229

183.5230,
193.2392, 169.6396

■ 0.8897, 0.9404,
0.0000

224.3383,

■ 0.0000, 0.0000,

236.2032, 210.3679

0.0000

270.7963,
285.1056, 257.1432

■ 36.6706, 38.6337,
28.8169

■ 36.6706, 38.6337,
28.8169

■ 34.5407, 36.2423,
22.3462

■ 39.0564, 41.1963,
36.4221

■ 32.6526, 34.0118,
16.9517

■ 41.7054, 43.9298,
45.2111

■ 30.9953, 31.9382,
12.5740

■ 44.6283, 46.8407,
55.2334

■ 29.5559, 30.0154,
9.1464

■ 47.8343, 49.9333,
66.5349

■ 28.3195, 28.2368,
6.5945

■ 51.3319, 53.2118,
79.1591

■ 27.2695, 26.5948,
4.8327

■ 55.1296, 56.6804,
93.1474

■ 26.3858, 25.0804,
3.7579

■ 58.2039, 59.9304,
103.1078

■ 25.9114, 24.2254,
3.3103

■ 59.5112, 62.5451,
103.5436

■ 60.8636, 65.2500,
103.9944

Harmonies

Analogous

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



39.3475, 38.6337, 30.3444



36.6706, 38.6337, 28.8169



34.1306, 38.6337, 30.4588

Triad

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



36.6706, 38.6337, 28.8169



32.4053, 38.6337, 50.1300



41.4558, 38.6337, 49.8540

Complementary

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



36.6706, 38.6337, 28.8169



29.0374, 29.9832, 46.9051

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.



39.4375, 38.6337, 56.2997



36.6706, 38.6337, 28.8169



34.2125, 38.6337, 56.4724

Square

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



36.6706, 38.6337, 28.8169



31.7436, 38.6337, 42.2077



36.7698, 38.6337, 58.8561



42.1914, 38.6337, 41.9237

Rectangle

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



36.6706, 38.6337, 28.8169



32.8352, 38.6337, 33.2622



36.7698, 38.6337, 58.8561



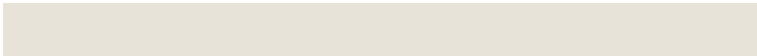
40.9001, 38.6337, 52.2994

Sweetspot

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



36.6716, 38.6354, 28.8177



73.1721, 77.1271, 75.8651



32.8692, 29.3822, 32.6321



16.1486, 17.0232, 16.5986



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.



36.6716, 38.6354, 28.8177



63.5355, 66.8143, 45.0285



37.3844, 42.6892, 29.5626



8.9759, 9.4644, 9.0063



18.3692, 17.2370, 2.3589



0.6263, 0.6390, 0.0903

Inverse Universe

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



29.0374, 29.9832, 46.9051



47.4076, 48.5398, 83.2516



28.4226, 26.7824, 46.3196



8.2444, 8.6351, 10.7385



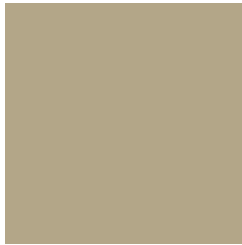
6.7363, 4.2730, 30.6067



0.2646, 0.2397, 0.9806

Previews

White Background



This preview shows how the XYZ color 36.6706, 38.6337, 28.8169 looks on a white background.

Color Contrast Check

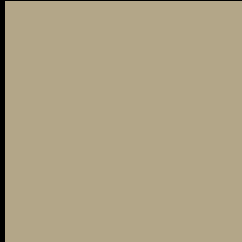
Large Text (above 18pt) WCAG AA × Fail

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 36.6706, 38.6337, 28.8169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

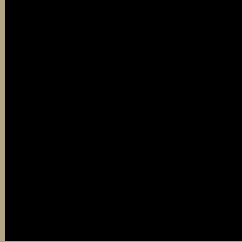
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6706, 38.6337, 28.8169

Background



This preview shows how black text looks on a background with the XYZ color 36.6706, 38.6337, 28.8169.



This preview shows how white text looks on a background with the XYZ color 36.6706, 38.6337,

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

36.6706, 38.6337, 28.8169

Protanopia

36.3941, 38.7621, 28.8562

Deuteranopia

39.5084, 38.7652, 29.0670



Tritanopia

40.0549, 38.6972, 44.8934

Trichromacy



Original Color

36.6706, 38.6337, 28.8169

Protanomaly

36.6227, 38.8800, 28.8669

Deuteranomaly

38.5988, 38.8193, 29.1254

Tritanomaly

38.7338, 38.6775, 38.6817

Monochromacy



Original Color

36.6706, 38.6337, 28.8169

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.3472, 38.2969, 36.4867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6706, 38.6337, 28.8169 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(179, 166, 136)` looks like.

```
.text, #text, p{  
    color:rgb(179, 166, 136)  
}
```

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(179, 166, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 166, 136) }
```

Border

The CSS property to change the border of an element to XYZ 36.6706, 38.6337, 28.8169 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(179, 166, 136) }
```


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

```
.border{ border-color:rgb(179, 166, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 166, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 166, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 166, 136);  
box-shadow:4px 4px 4px 4px rgb(179, 166,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6706, 38.6337, 28.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 166, 136) }
```

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

```
.background{ background-color: rgb(179,  
166, 136) }
```

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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