

Converting Colors

XYZ(35.8223, 34.0190, 28.2584)

Have a look what the booklet for
XYZ(35.8223, 34.0190, 28.2584)
contains.

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Color

**XYZ(35.9152, 34.1836,
28.3721)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9689
RGB	187, 150, 137
RGB Percent	73%, 59%, 54%
CMY	0.2667, 0.4117, 0.4627
CMYK	0.00, 0.20, 0.27, 0.27
HSL	16°, 27%, 64%
HSV	16°, 27%, 73%
XYZ	35.9152, 34.1836, 28.3721
YIQ	159.5810, 26.2250, 3.8010

Conversions

Conversions Part 2

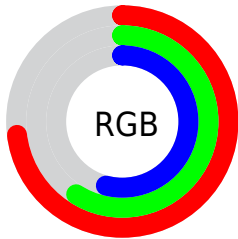
Format	Color
RYB	187, 155, 137
Decimal	12293769
CIELab	65.11, 11.88, 12.10
CIELCh	65, 16.952, 45.530
Yxy	34.1836, 0.3647, 0.3471
Android (android.graphics.Color)	4290483849 (0xFFBB9689)
YUV	159.5810, -11.1324, 24.0465
Hunter-Lab	58.4667, 7.3329, 12.1551

Details

The XYZ color **35.9152, 34.1836, 28.3721** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.4218, 39.1772, 52.7616**, and the grayscale version is **33.2627, 34.9949, 38.1095**.

A 20% lighter version of the original color is **68.1954, 66.1365, 57.8865**, and **15.8550, 14.5983, 10.9989** is the 20% darker color. If you saturate the color by 10%, you get **32.6094, 29.5357, 21.2158**, and if you desaturate by 10%, it is **39.7161, 39.4492, 36.8412**.

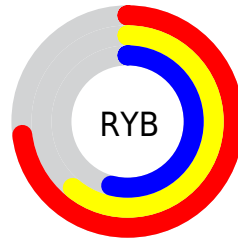
Distribution



Red (73%)

Green (59%)

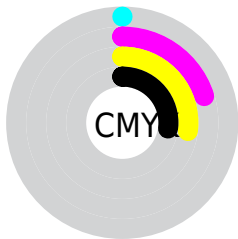
Blue (54%)



Red (73%)

Yellow (61%)

Blue (54%)

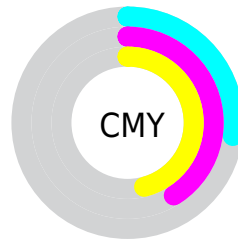


Cyan (0%)

Magenta (20%)

Yellow (27%)

Black (27%)



Cyan (27%)


Magenta (41%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9152, 34.1836, 28.3721 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 35.9152, 34.1836, 28.3721 by changing the saturation by 10% instead.


 35.9152, 34.1836,
28.3721


 35.9152, 34.1836,
28.3721

320.0275,
320.9499, 308.2084


 24.5385, 23.0347,
18.3649


 68.2259, 66.2191,
58.1082

 15.8605, 14.6191,
11.0401


 89.8906, 87.8744,
78.6742

 9.5157, 8.5525,
5.9793


 115.7154,
113.8007, 103.5967

 5.1388, 4.4505,
2.7639

146.0655,
144.3823, 133.2945

 2.3645, 1.9286,
0.9754

181.3065,
180.0037, 168.1861

 0.8274, 0.5655,
0.0000

221.8035,

 0.0000, 0.0000,

221.0491, 208.6898

0.0000

267.9221,
267.9031, 255.2244

■ 35.9152, 34.1836,
28.3721

■ 35.9152, 34.1836,
28.3721

■ 32.6094, 29.5357,
21.2158

■ 39.7161, 39.4492,
36.8412

■ 29.7749, 25.4778,
15.3040

■ 44.0291, 45.3493,
46.6825

■ 27.3900, 21.9872,
10.5655

■ 48.8738, 51.9061,
57.9543

■ 25.4301, 19.0378,
6.9208

■ 54.2676, 59.1392,
70.7108

■ 23.8680, 16.6013,
4.2804

■ 60.2276, 67.0674,
85.0036

■ 22.6731, 14.6466,
2.5406

■ 66.7698, 75.7087,
100.8814

■ 21.8069, 13.1379,
1.5617

■ 71.7619, 84.2215,
107.0819

■ 21.5766, 12.7309,
1.3201

■ 74.3036, 89.3048,
107.9291

Harmonies

Analogous

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



37.2604, 34.1836, 33.7122



35.9152, 34.1836, 28.3721



33.6858, 34.1836, 25.5918

Triad

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



35.9152, 34.1836, 28.3721



28.1255, 34.1836, 33.9393



33.7725, 34.1836, 51.8445

Complementary

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



35.9152, 34.1836, 28.3721



34.4218, 39.1772, 52.7616

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.



31.3238, 34.1836, 51.9254



35.9152, 34.1836, 28.3721



28.1461, 34.1836, 40.9633

Square

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



35.9152, 34.1836, 28.3721



29.2330, 34.1836, 28.5202



29.2907, 34.1836, 47.7394



35.9814, 34.1836, 47.5306

Rectangle

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



35.9152, 34.1836, 28.3721



32.0371, 34.1836, 25.3074



29.2907, 34.1836, 47.7394



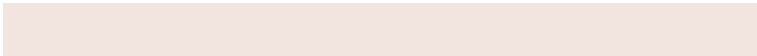
32.9481, 34.1836, 52.3841

Sweetspot

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



35.9161, 34.1852, 28.3728



77.7243, 79.6796, 81.0034



37.1283, 31.5321, 44.4301



16.8495, 17.1831, 17.2262



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.9161, 34.1852, 28.3728



60.7969, 56.2806, 43.1275



40.2419, 42.8369, 29.8147



9.7265, 9.9290, 9.9805



14.9172, 8.8733, 0.9265



0.6395, 0.4579, 0.0547

Inverse Universe

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



34.4218, 39.1772, 52.7616



57.6705, 66.6862, 94.0336



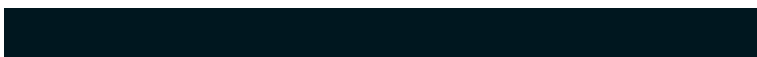
30.1133, 30.5601, 51.3254



9.5929, 10.3781, 12.1698



12.5394, 15.1906, 34.6641



0.5414, 0.6955, 1.3746

Previews

White Background



This preview shows how the XYZ color 35.9152, 34.1836, 28.3721 looks on a white background.

Color Contrast Check

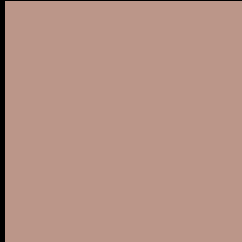
Large Text (above 18pt) WCAG AA × Fail

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 35.9152, 34.1836, 28.3721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

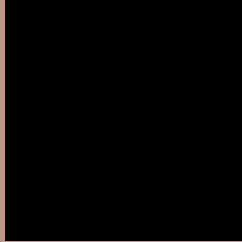
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9152, 34.1836, 28.3721

Background



This preview shows how black text looks on a background with the XYZ color 35.9152, 34.1836, 28.3721.



This preview shows how white text looks on a background with the XYZ color 35.9152, 34.1836,

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

35.9152, 34.1836, 28.3721

Protanopia

32.5516, 34.3761, 30.1189

Deuteranopia

34.7996, 34.0864, 28.4121



Tritanopia

37.5915, 34.1549, 36.9590

Trichromacy



Original Color

35.9152, 34.1836, 28.3721

Protanomaly

33.6885, 34.2204, 29.6406

Deuteranomaly

35.1104, 34.0066, 28.3803

Tritanomaly

36.8340, 34.0732, 33.4896

Monochromacy



Original Color

35.9152, 34.1836, 28.3721

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.1335, 34.5900, 34.5833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9152, 34.1836, 28.3721 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(187, 150, 137)` looks like.

```
.text, #text, p{  
    color:rgb(187, 150, 137)  
}
```

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(187, 150, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 150, 137) }
```

Border

The CSS property to change the border of an element to XYZ 35.9152, 34.1836, 28.3721 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(187, 150, 137) }
```


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

```
.border{ border-color:rgb(187, 150, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 150, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 150, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 150, 137); box-shadow:4px 4px 4px 4px rgb(187, 150, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9152, 34.1836, 28.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 150, 137) }
```

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

```
.background{ background-color: rgb(187,  
150, 137) }
```

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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