

Converting Colors

XYZ(34.9117, 34.0687, 28.3080)

Have a look what the booklet for
XYZ(34.9117, 34.0687, 28.3080)
contains.

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Color

**XYZ(35.0350, 34.2077,
28.4231)**

Conversions

Conversions Part 1

Format	Color
Hex	B69889
RGB	182, 152, 137
RGB Percent	71%, 60%, 54%
CMY	0.2863, 0.4039, 0.4627
CMYK	0.00, 0.16, 0.25, 0.29
HSL	20°, 24%, 63%
HSV	20°, 25%, 71%
XYZ	35.0350, 34.2077, 28.4231
YIQ	159.2600, 22.6950, 1.6950

Conversions

Conversions Part 2

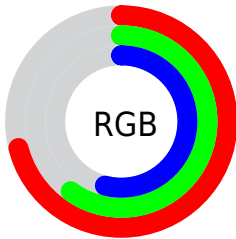
Format	Color
RYB	182, 160, 137
Decimal	11966601
CIELab	65.13, 8.82, 12.05
CIElCh	65, 14.934, 53.819
Yxy	34.2077, 0.3587, 0.3503
Android (android.graphics.Color)	4290156681 (0xFFB69889)
YUV	159.2600, -10.9742, 19.9430
Hunter-Lab	58.4873, 4.5719, 12.1280

Details

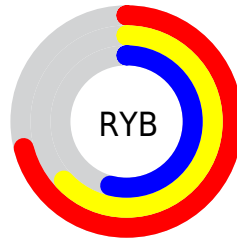
The XYZ color **35.0350, 34.2077, 28.4231** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.5784, 36.3322, 49.5519**, and the grayscale version is **33.1158, 34.8404, 37.9412**.

A 20% lighter version of the original color is **66.6255, 66.0375, 57.9502**, and **15.2761, 14.5847, 11.0268** is the 20% darker color. If you saturate the color by 10%, you get **31.9688, 29.9913, 21.4942**, and if you desaturate by 10%, it is **38.5247, 38.9182, 36.5805**.

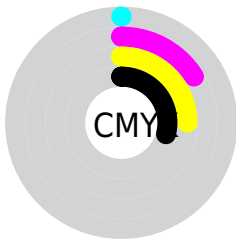
Distribution



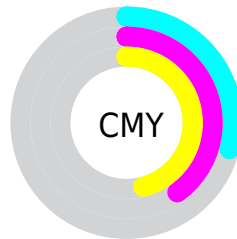
- Red (71%)
- Green (60%)
- Blue (54%)



- Red (71%)
- Yellow (63%)
- Blue (54%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0350, 34.2077, 28.4231 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 35.0350, 34.2077, 28.4231 by changing the saturation by 10% instead.


 35.0350, 34.2077,
28.4231


 35.0350, 34.2077,
28.4231


316.2281,
321.0572, 308.4585

 23.8565, 23.0532,
18.4030


 66.8736, 66.2565,
58.1904

 15.3513, 14.6328,
11.0673


 88.2645, 87.9197,
78.7748

 9.1543, 8.5621,
5.9974


 113.7901,
113.8544, 103.7177

 4.8999, 4.4567,
2.7747

143.8160,
144.4453, 133.4376

 2.2228, 1.9322,
0.9808

178.7073,
180.0766, 168.3531

 0.7547, 0.5676,
0.0000

218.8296,

 0.0000, 0.0000,

221.1328, 208.8827

0.0000

264.5480,
267.9982, 255.4450

■ 35.0350, 34.2077,
28.4231

■ 35.0350, 34.2077,
28.4231

■ 31.9688, 29.9913,
21.4942

■ 38.5247, 38.9182,
36.5805

■ 29.3064, 26.2477,
15.7314

■ 42.4512, 44.1338,
46.0203

■ 27.0302, 22.9613,
11.0702

■ 46.8306, 49.8709,
56.7957

■ 25.1205, 20.1133,
7.4388

■ 51.6773, 56.1438,
68.9562

■ 23.5553, 17.6837,
4.7567

■ 57.0051, 62.9662,
82.5490

■ 22.3101, 15.6508,
2.9312

■ 62.8270, 70.3514,
97.6188

■ 21.3561, 13.9902,
1.8505

■ 67.6047, 77.6916,
106.0406

■ 20.9433, 13.2487,
1.4534

■ 71.2356, 84.9533,
107.2509

■ 73.1015, 88.6851,
107.8728

Harmonies

Analogous

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



36.4750, 34.2077, 32.6333



35.0350, 34.2077, 28.4231



32.9640, 34.2077, 26.6003

Triad

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



35.0350, 34.2077, 28.4231



28.5454, 34.2077, 35.9766



34.2248, 34.2077, 49.2608

Complementary

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



35.0350, 34.2077, 28.4231



32.5784, 36.3322, 49.5519

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.



32.0669, 34.2077, 50.4103



35.0350, 34.2077, 28.4231



28.8496, 34.2077, 42.2749

Square

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



35.0350, 34.2077, 28.4231



29.2657, 34.2077, 30.6383



30.1158, 34.2077, 47.7293



35.9929, 34.2077, 44.7422

Rectangle

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



35.0350, 34.2077, 28.4231



31.5285, 34.2077, 26.8213



30.1158, 34.2077, 47.7293



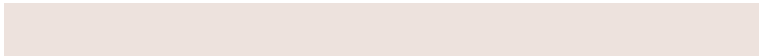
33.5185, 34.2077, 50.0734

Sweetspot

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



35.0359, 34.2093, 28.4238



75.1856, 77.6654, 79.1206



35.2124, 30.6268, 40.6152



16.5101, 17.0267, 17.2431



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.



35.0359, 34.2093, 28.4238



60.2127, 57.4920, 44.0023



39.0399, 42.2172, 29.7585



9.2427, 9.4884, 9.4512



14.8452, 9.4669, 1.0449



0.5818, 0.4506, 0.0563

Inverse Universe

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



32.5784, 36.3322, 49.5519



54.9373, 62.0354, 89.3142



28.8096, 28.7945, 48.2956



9.0076, 9.6924, 11.4755



10.8816, 12.2229, 33.0388



0.4380, 0.5397, 1.1828

Previews

White Background



This preview shows how the XYZ color 35.0350, 34.2077, 28.4231 looks on a white background.

Color Contrast Check

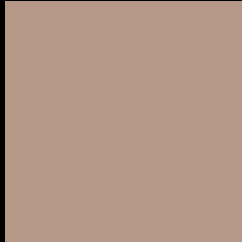
Large Text (above 18pt) WCAG AA × Fail

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 35.0350, 34.2077, 28.4231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

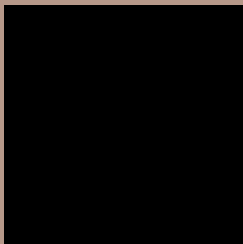
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0350, 34.2077, 28.4231

Background



This preview shows how black text looks on a background with the XYZ color 35.0350, 34.2077, 28.4231.



This preview shows how white text looks on a background with the XYZ color 35.0350, 34.2077,

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

35.0350, 34.2077, 28.4231

Protanopia

32.4775, 34.3465, 29.7287

Deuteranopia

34.7996, 34.0864, 28.4121



Tritanopia

37.1002, 34.3472, 37.9320

Trichromacy



Original Color

35.0350, 34.2077, 28.4231

Protanomaly

33.3433, 34.2989, 29.2891

Deuteranomaly

34.7996, 34.0864, 28.4121

Tritanomaly

36.3410, 34.2700, 34.4052

Monochromacy



Original Color

35.0350, 34.2077, 28.4231

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.4107, 34.2268, 34.1237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0350, 34.2077, 28.4231 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(182, 152, 137)` looks like.

```
.text, #text, p{  
    color:rgb(182, 152, 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(182, 152, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 152, 137) }
```

Border

The CSS property to change the border of an element to XYZ 35.0350, 34.2077, 28.4231 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(182, 152, 137) }
```


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

```
.border{ border-color:rgb(182, 152, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 152, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 152, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 152, 137);  
box-shadow:4px 4px 4px 4px rgb(182, 152,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0350, 34.2077, 28.4231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 152, 137) }
```

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

```
.background{ background-color: rgb(182,  
152, 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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