

Converting Colors

XYZ(34.3178, 34.1381, 27.9466)

Have a look what the booklet for
XYZ(34.3178, 34.1381, 27.9466)
contains.

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Color

**XYZ(34.4256, 34.1437,
28.0685)**

Conversions

Conversions Part 1

Format	Color
Hex	B39988
RGB	179, 153, 136
RGB Percent	70%, 60%, 53%
CMY	0.2980, 0.4000, 0.4667
CMYK	0.00, 0.15, 0.24, 0.30
HSL	24°, 22%, 62%
HSV	24°, 24%, 70%
XYZ	34.4256, 34.1437, 28.0685
YIQ	158.8360, 20.9530, 0.2250

Conversions

Conversions Part 2

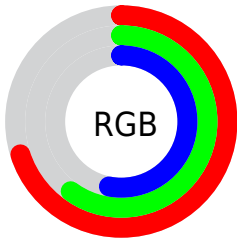
Format	Color
RYB	179, 164, 136
Decimal	11770248
CIELab	65.08, 6.94, 12.50
CIELCh	65, 14.299, 60.950
Yxy	34.1437, 0.3562, 0.3533
Android (android.graphics.Color)	4289960328 (0xFFB39988)
YUV	158.8360, -11.2581, 17.6838
Hunter-Lab	58.4326, 2.9063, 12.4225

Details

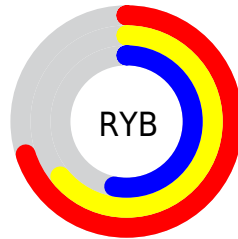
The XYZ color **34.4256, 34.1437, 28.0685** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.2102, 34.3288, 47.6294**, and the grayscale version is **32.9235, 34.6381, 37.7209**.

A 20% lighter version of the original color is **65.7591, 65.9619, 57.4102**, and **15.0353, 14.6102, 10.8317** is the 20% darker color. If you saturate the color by 10%, you get **31.5667, 30.2945, 21.3547**, and if you desaturate by 10%, it is **37.6594, 38.4023, 35.9563**.

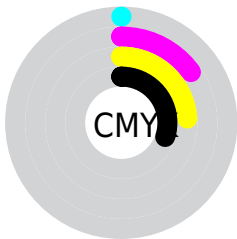
Distribution



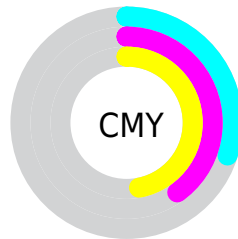
- Red (70%)
- Green (60%)
- Blue (53%)



- Red (70%)
- Yellow (64%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (30%)





- Cyan (30%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4256, 34.1437, 28.0685 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 34.4256, 34.1437, 28.0685 by changing the saturation by 10% instead.

 34.4256, 34.1437,
28.0685


 34.4256, 34.1437,
28.0685


313.5783,
320.7723, 306.7163


 23.3852, 23.0040,
18.1378


 65.9349, 66.1571,
57.6182

 15.0004, 14.5965,
10.8785


 87.1344, 87.7995,
78.0743

 8.9060, 8.5367,
5.8721


 112.4511,
113.7117, 102.8759

 4.7365, 4.4402,
2.6999

142.2502,
144.2781, 132.4417

 2.1267, 1.9227,
0.9434

176.8971,
179.8829, 167.1900

 0.7037, 0.5620,
0.0000

216.7572,

 0.0000, 0.0000,

220.9106, 207.5396

0.0000

262.1958,
267.7456, 253.9088

■ 34.4256, 34.1437,
28.0685

■ 34.4256, 34.1437,
28.0685

■ 31.5667, 30.2945,
21.3547

■ 37.6594, 38.4023,
35.9563

■ 29.0653, 26.8374,
15.7559

■ 41.2794, 43.0779,
45.0689

■ 26.9065, 23.7604,
11.2109

■ 45.2997, 48.1834,
55.4570

■ 25.0728, 21.0493,
7.6520

■ 49.7326, 53.7300,
67.1675

■ 23.5455, 18.6887,
5.0031

■ 54.5901, 59.7283,
80.2449

■ 22.3031, 16.6619,
3.1772

■ 59.8837, 66.1887,
94.7318

■ 21.3207, 14.9502,
2.0695

■ 64.5929, 72.7084,
105.2375

■ 20.8299, 14.0625,
1.6165

■ 67.6770, 78.8768,
106.2655

■ 70.9511, 85.4248,
107.3569

Harmonies

Analogous

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



35.9903, 34.1437, 31.6126



34.4256, 34.1437, 28.0685



32.3866, 34.1437, 26.8964

Triad

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



34.4256, 34.1437, 28.0685



28.6302, 34.1437, 37.3661



34.5447, 34.1437, 47.8445

Complementary

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



34.4256, 34.1437, 28.0685



31.2102, 34.3288, 47.6294

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.



32.5186, 34.1437, 49.7904



34.4256, 34.1437, 28.0685



29.1546, 34.1437, 43.3581

Square

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



34.4256, 34.1437, 28.0685



29.0932, 34.1437, 31.9075



30.5564, 34.1437, 48.0686



36.0611, 34.1437, 42.9962

Rectangle

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



34.4256, 34.1437, 28.0685



31.0490, 34.1437, 27.5075



30.5564, 34.1437, 48.0686



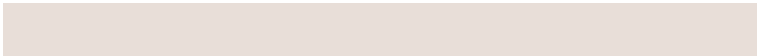
33.8978, 34.1437, 48.8815

Sweetspot

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



34.4265, 34.1453, 28.0692



71.8469, 74.4766, 75.4234



33.9626, 29.8195, 38.3898



15.8319, 16.3898, 16.4930



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.



34.4265, 34.1453, 28.0692



58.7748, 57.2931, 43.4416



38.1675, 41.6273, 29.3162



8.7629, 9.0383, 8.9352



14.7791, 10.0567, 1.1622



0.5228, 0.4320, 0.0558

Inverse Universe

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



31.2102, 34.3288, 47.6294



51.9756, 57.6756, 84.7743



27.8178, 27.5440, 46.4986



8.4550, 9.0562, 10.8087



9.6204, 10.0411, 31.5681



0.3577, 0.4259, 1.0116

Previews

White Background



This preview shows how the XYZ color 34.4256, 34.1437, 28.0685 looks on a white background.

Color Contrast Check

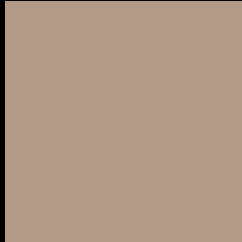
Large Text (above 18pt) WCAG AA × Fail

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 34.4256, 34.1437, 28.0685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

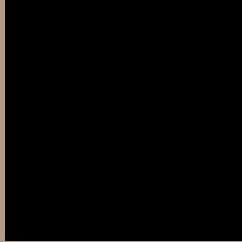
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4256, 34.1437, 28.0685

Background



This preview shows how black text looks on a background with the XYZ color 34.4256, 34.1437, 28.0685.



This preview shows how white text looks on a background with the XYZ color 34.4256, 34.1437,

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

34.4256, 34.1437, 28.0685

Protanopia

32.3314, 34.2880, 28.9590

Deuteranopia

34.7282, 34.0578, 28.0360



Tritanopia

36.4719, 34.0132, 38.3611

Trichromacy



Original Color

34.4256, 34.1437, 28.0685

Protanomaly

32.9814, 34.1291, 28.5162

Deuteranomaly

34.4946, 33.9373, 28.0251

Tritanomaly

35.6299, 33.9034, 34.3719

Monochromacy



Original Color

34.4256, 34.1437, 28.0685

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.3688, 34.4553, 34.1700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4256, 34.1437, 28.0685 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, 153, 136)` looks like.

```
.text, #text, p{  
    color:rgb(179, 153, 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, 153, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 153, 136) }
```

Border

The CSS property to change the border of an element to XYZ 34.4256, 34.1437, 28.0685 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, 153, 136) }
```


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

```
.border{ border-color:rgb(179, 153, 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, 153, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 153, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 153, 136);  
box-shadow:4px 4px 4px 4px rgb(179, 153,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4256, 34.1437, 28.0685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 153, 136) }
```

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

```
.background{ background-color: rgb(179,  
153, 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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