

Converting Colors

XYZ(36.5735, 35.1778, 28.4785)

Have a look what the booklet for
XYZ(36.5735, 35.1778, 28.4785)
contains.

XYZ(36.6456, 35.2800, 28.5452)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.6456, 35.2800,
28.5452)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9989
RGB	188, 153, 137
RGB Percent	74%, 60%, 54%
CMY	0.2627, 0.4000, 0.4627
CMYK	0.00, 0.19, 0.27, 0.26
HSL	19°, 28%, 64%
HSV	19°, 27%, 74%
XYZ	36.6456, 35.2800, 28.5452
YIQ	161.6410, 25.9960, 2.4440

Conversions

Conversions Part 2

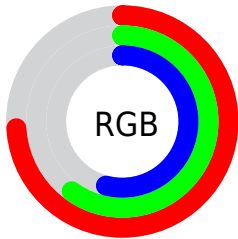
Format	Color
R _Y B	188, 160, 137
Decimal	12360073
CIE Lab	65.97, 10.61, 13.32
CIE LCh	66, 17.028, 51.453
Yxy	35.2800, 0.3647, 0.3511
Android (android.graphics.Color)	4290550153 (0xFFBC9989)
YUV	161.6410, -12.1480, 23.1168
Hunter-Lab	59.3970, 6.1828, 13.0841

Details

The XYZ color **36.6456, 35.2800, 28.5452** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.1457, 38.4530, 53.1995**, and the grayscale version is **34.2220, 36.0042, 39.2086**.

A 20% lighter version of the original color is **69.2633, 67.7558, 58.1428**, and **16.3032, 15.2592, 11.1029** is the 20% darker color. If you saturate the color by 10%, you get **33.4144, 30.7909, 21.3844**, and if you desaturate by 10%, it is **40.3420, 40.3230, 37.0212**.

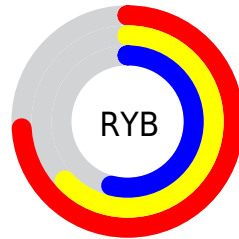
Distribution



Red (74%)

Green (60%)

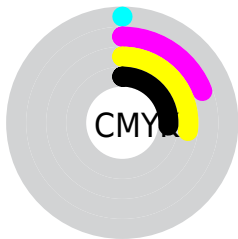
Blue (54%)



Red (74%)

Yellow (63%)

Blue (54%)

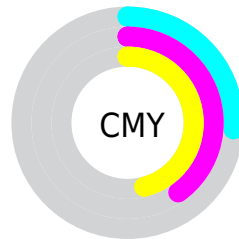


Cyan (0%)

Magenta (19%)

Yellow (27%)

Black (26%)



Cyan (26%)


Magenta (40%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6456, 35.2800, 28.5452 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 36.6456, 35.2800, 28.5452 by changing the saturation by 10% instead.


 36.6456, 35.2800,
28.5452


 36.6456, 35.2800,
28.5452


323.1559,
325.8025, 309.0565


 25.1056, 23.8786,
18.4944


 69.3448, 67.9193,
58.3872

 16.2849, 15.2436,
11.1324


 91.2346, 89.9260,
79.0156

 9.8181, 8.9905,
6.0407


 117.3052,
116.2367, 104.0069

 5.3399, 4.7350,
2.8007

147.9219,
147.2357, 133.7797

 2.4848, 2.0926,
0.9938

183.4499,
183.3073, 168.7525

 0.8876, 0.6605,
0.0000

224.2546,

 0.0000, 0.0000,

224.8361, 209.3439

0.0000

270.7015,
272.2064, 255.9724

■ 36.6456, 35.2800,
28.5452

■ 36.6456, 35.2800,
28.5452

■ 33.4144, 30.7909,
21.3844

■ 40.3420, 40.3230,
37.0212

■ 30.6262, 26.8314,
15.4700

■ 44.5190, 45.9333,
46.8720

■ 28.2609, 23.3827,
10.7302

■ 49.1947, 52.1300,
58.1563

■ 26.2960, 20.4228,
7.0849

■ 54.3855, 58.9298,
70.9287

■ 24.7062, 17.9280,
4.4439

■ 60.1068, 66.3486,
85.2408

■ 23.4631, 15.8724,
2.7022

■ 66.3736, 74.4019,
101.1419

■ 22.5297, 14.2253,
1.7134

■ 70.9320, 82.1972,
106.7349

■ 22.3028, 13.8188,
1.4918

■ 74.5491, 89.4314,
107.9406

Harmonies

Analogous

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



38.2506, 35.2800, 33.5559



36.6456, 35.2800, 28.5452



34.2583, 35.2800, 26.2536

Triad

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



36.6456, 35.2800, 28.5452



28.9628, 35.2800, 36.3870



35.3373, 35.2800, 52.8411

Complementary

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



36.6456, 35.2800, 28.5452



34.1457, 38.4530, 53.1995

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.



32.8171, 35.2800, 53.8466



36.6456, 35.2800, 28.5452



29.2194, 35.2800, 43.7196

Square

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



36.6456, 35.2800, 28.5452



29.8817, 35.2800, 30.3944



30.6011, 35.2800, 50.3295



37.4693, 35.2800, 47.7329

Rectangle

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



36.6456, 35.2800, 28.5452



32.5790, 35.2800, 26.3486



30.6011, 35.2800, 50.3295



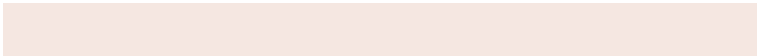
34.5046, 35.2800, 53.6936

Sweetspot

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



36.6465, 35.2816, 28.5459



79.8838, 82.1790, 83.0406



37.1987, 31.5886, 43.5200



16.9234, 17.3310, 17.2508



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.



36.6465, 35.2816, 28.5459



62.5653, 58.6105, 43.1449



41.1352, 44.2589, 30.0421



9.7679, 10.0118, 9.9943



15.2443, 9.5275, 1.0355



0.6573, 0.4936, 0.0606

Inverse Universe

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



34.1457, 38.4530, 53.1995



57.2130, 65.3725, 95.8289



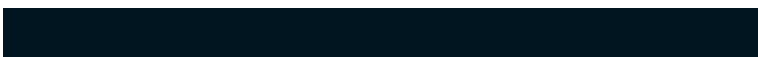
29.8588, 29.8793, 51.7705



9.5492, 10.2907, 12.1552



11.5943, 13.3003, 34.3490



0.5102, 0.6331, 1.3642

Previews

White Background



This preview shows how the XYZ color 36.6456, 35.2800, 28.5452 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 36.6456, 35.2800, 28.5452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

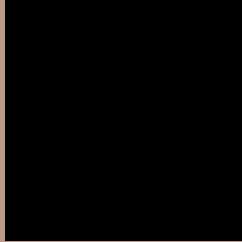
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6456, 35.2800, 28.5452

Background



This preview shows how black text looks on a background with the XYZ color 36.6456, 35.2800, 28.5452.



This preview shows how white text looks on a background with the XYZ color 36.6456, 35.2800,

28.5452.

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

36.6456, 35.2800, 28.5452

Protanopia

33.5270, 35.3895, 30.2631

Deuteranopia

35.8381, 35.1077, 28.5545



Tritanopia

38.6663, 35.1445, 38.4638

Trichromacy



Original Color

36.6456, 35.2800, 28.5452

Protanomaly

34.4698, 35.1214, 29.7733

Deuteranomaly

36.0785, 35.2316, 28.5658

Tritanomaly

37.8090, 35.0268, 34.4739

Monochromacy



Original Color

36.6456, 35.2800, 28.5452

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.9425, 35.7541, 35.1966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6456, 35.2800, 28.5452 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(188, 153, 137)` looks like.

```
.text, #text, p{  
    color:rgb(188, 153, 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(188, 153, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 153, 137) }
```

Border

The CSS property to change the border of an element to XYZ 36.6456, 35.2800, 28.5452 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(188, 153, 137) }
```


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

```
.border{ border-color:rgb(188, 153, 137) }
```

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

Here you see how a box with a 4 pixel rgb(188, 153, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 153, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 153, 137);  
box-shadow:4px 4px 4px 4px rgb(188, 153,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6456, 35.2800, 28.5452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 153, 137) }
```

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

```
.background{ background-color: rgb(188,  
153, 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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