

Converting Colors

XYZ(39.4243, 36.3725, 28.4347)

Have a look what the booklet for
XYZ(39.4243, 36.3725, 28.4347)
contains.

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Color

**XYZ(39.5630, 36.5420,
28.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	C89889
RGB	200, 152, 137
RGB Percent	78%, 60%, 54%
CMY	0.2157, 0.4039, 0.4627
CMYK	0.00, 0.24, 0.31, 0.22
HSL	14°, 36%, 66%
HSV	14°, 31%, 78%
XYZ	39.5630, 36.5420, 28.6350
YIQ	164.6420, 33.4230, 5.5110

Conversions

Conversions Part 2

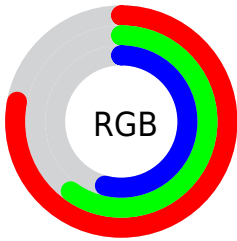
Format	Color
R_{YB}	200, 157, 137
Decimal	13146249
CIE _{Lab}	66.93, 15.86, 14.85
CIE _{LCh}	67, 21.726, 43.115
Yxy	36.5420, 0.3777, 0.3489
Android (android.graphics.Color)	4291336329 (0xFFC89889)
YUV	164.6420, -13.6275, 31.0090
Hunter-Lab	60.4500, 11.0363, 14.2295

Details

The XYZ color **39.5630, 36.5420, 28.6350** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.0902, 44.1848, 61.1646**, and the grayscale version is **35.6455, 37.5019, 40.8395**.

A 20% lighter version of the original color is **72.6056, 69.1203, 58.2300**, and **18.0510, 16.0152, 11.1567** is the 20% darker color. If you saturate the color by 10%, you get **35.9432, 31.3893, 20.9943**, and if you desaturate by 10%, it is **43.7684, 42.4399, 37.7837**.

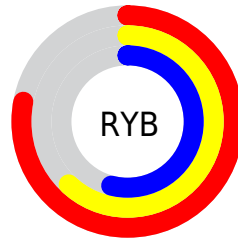
Distribution



Red (78%)

Green (60%)

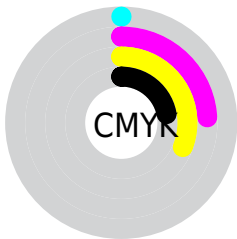
Blue (54%)



Red (78%)

Yellow (62%)

Blue (54%)

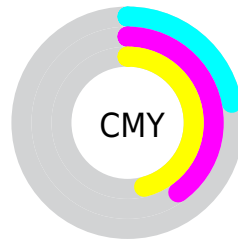


Cyan (0%)

Magenta (24%)

Yellow (31%)

Black (22%)



Cyan (22%)


Magenta (40%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5630, 36.5420, 28.6350 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 39.5630, 36.5420, 28.6350 by changing the saturation by 10% instead.


 39.5630, 36.5420,
28.6350


 39.5630, 36.5420,
28.6350

335.4443,
331.3234, 309.4957


 27.3807, 24.8531,
18.5617


 73.7862, 69.8678,
58.5319

 17.9974, 15.9676,
11.1804

 96.5578, 92.2735,
79.1926

 11.0478, 9.5012,
6.0726


 123.5898,
119.0202, 104.2195

 6.1665, 5.0695,
2.8198

155.2476,
150.4924, 134.0311

 2.9882, 2.2881,
1.0034

191.8967,
187.0744, 169.0460

 1.1475, 0.7674,
0.0000

233.9022,

 0.0643, 0.0000,

229.1506, 209.6827

0.0000

281.6297,
277.1055, 256.3598

■ 0.0000, 0.0000,
0.0000

■ 39.5630, 36.5420,
28.6350

■ 39.5630, 36.5420,
28.6350

■ 35.9432, 31.3893,
20.9943

■ 43.7684, 42.4399,
37.7837

■ 32.8793, 26.9468,
14.7779

■ 48.5815, 49.1060,
48.5135

■ 30.3435, 23.1842,
9.8971

■ 54.0267, 56.5688,
60.8954

■ 28.3041, 20.0669,
6.2526

■ 60.1262, 64.8536,
74.9955

■ 26.7255, 17.5573,
3.7307

■ 66.9011, 73.9846,
90.8761

■ 25.5673, 15.6132,
2.1965

■ 74.0475, 83.8556,
106.8908

■ 24.8614, 14.3634,
1.4621

■ 77.6294, 91.0194,
108.0847

Harmonies

Analogous

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



41.2719, 36.5420, 35.8129



39.5630, 36.5420, 28.6350



36.6041, 36.5420, 24.8343

Triad

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



39.5630, 36.5420, 28.6350



29.0179, 36.5420, 34.7493



36.1889, 36.5420, 60.1943

Complementary

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



39.5630, 36.5420, 28.6350



38.0902, 44.1848, 61.1646

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.



32.9250, 36.5420, 59.7883



39.5630, 36.5420, 28.6350



28.9224, 36.5420, 44.0469

Square

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



39.5630, 36.5420, 28.6350



30.5811, 36.5420, 27.9628



30.3113, 36.5420, 53.5156



39.2426, 36.5420, 54.5501

Rectangle

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



39.5630, 36.5420, 28.6350



34.3891, 36.5420, 24.2869



30.3113, 36.5420, 53.5156



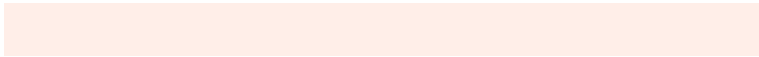
35.0774, 36.5420, 60.7843

Sweetspot

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



39.5640, 36.5437, 28.6357



86.2464, 87.9566, 88.8128



41.5540, 33.6865, 50.3773



18.1743, 18.4331, 18.3634



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.5640, 36.5437, 28.6357



63.9803, 56.8523, 39.9944



45.3097, 48.0352, 30.5510



10.8356, 11.0402, 11.1226



15.8664, 9.2501, 0.9492



0.8094, 0.5543, 0.0643

Inverse Universe

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



38.0902, 44.1848, 61.1646



61.0049, 72.1685, 105.3224



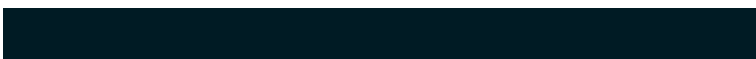
32.2648, 32.5341, 59.2228



10.7244, 11.6229, 13.5957



13.8781, 17.1501, 37.3232



0.7104, 0.9185, 1.7850

Previews

White Background



This preview shows how the XYZ color 39.5630, 36.5420, 28.6350 looks on a white background.

Color Contrast Check

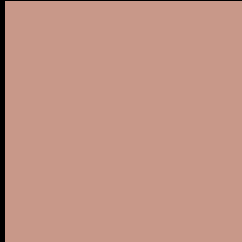
Large Text (above 18pt) WCAG AA × Fail

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 39.5630, 36.5420, 28.6350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

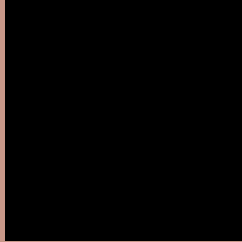
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5630, 36.5420, 28.6350

Background



This preview shows how black text looks on a background with the XYZ color 39.5630, 36.5420, 28.6350.



This preview shows how white text looks on a background with the XYZ color 39.5630, 36.5420,

28.6350.

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

39.5630, 36.5420, 28.6350

Protanopia

34.7743, 36.8053, 30.8625

Deuteranopia

37.2399, 36.5829, 28.3910



Tritanopia

41.4497, 36.5895, 38.1355

Trichromacy



Original Color

39.5630, 36.5420, 28.6350

Protanomaly

36.4232, 36.6348, 29.9625

Deuteranomaly

37.9035, 36.4267, 28.3259

Tritanomaly

40.6612, 36.4972, 34.6073

Monochromacy



Original Color

39.5630, 36.5420, 28.6350

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.8473, 36.9731, 36.2048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5630, 36.5420, 28.6350 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(200, 152, 137)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 152, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 152, 137) }
```

Border

The CSS property to change the border of an element to XYZ 39.5630, 36.5420, 28.6350 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(200, 152, 137) }
```


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

```
.border{ border-color:rgb(200, 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(200, 152, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 152, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 152, 137);  
box-shadow:4px 4px 4px 4px rgb(200, 152,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5630, 36.5420, 28.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 152, 137) }
```

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

```
.background{ background-color: rgb(200,  
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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