

# Converting Colors

XYZ(43.6047, 38.6111, 28.0764)

Have a look what the booklet for  
XYZ(43.6047, 38.6111, 28.0764)  
contains.

<b>XYZ(43.6257, 38.6528, 28.0831)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(43.6257, 38.6528,  
28.0831)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D79887
RGB	215, 152, 135
RGB Percent	84%, 60%, 53%
CMY	0.1569, 0.4039, 0.4706
CMYK	0.00, 0.29, 0.37, 0.16
HSL	13°, 50%, 69%
HSV	13°, 37%, 84%
XYZ	43.6257, 38.6528, 28.0831
YIQ	168.8990, 43.0050, 8.0690

# Conversions

## Conversions Part 2

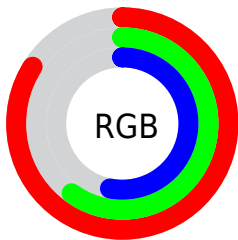
Format	Color
R <sub>Y</sub> B	215, 157, 135
Decimal	14129287
CIE Lab	68.50, 21.47, 18.38
CIE LCh	68, 28.262, 40.565
Yxy	38.6528, 0.3953, 0.3502
Android (android.graphics.Color)	4292319367 (0xFFD79887)
YUV	168.8990, -16.7122, 40.4306
Hunter-Lab	62.1714, 16.4537, 16.7384

# Details

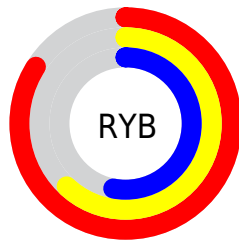
The XYZ color **43.6257, 38.6528, 28.0831** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.4507, 50.4434, 71.7890**, and the grayscale version is **37.7281, 39.6929, 43.2256**.

A 20% lighter version of the original color is **72.6299, 69.5165, 57.1670**, and **20.3939, 17.2323, 10.8456** is the 20% darker color. If you saturate the color by 10%, you get **39.7078, 32.9997, 20.0479**, and if you desaturate by 10%, it is **48.2436, 45.2164, 37.8604**.

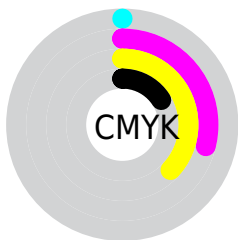
# Distribution



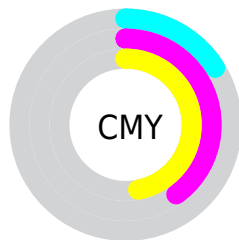
- Red (84%)
- Green (60%)
- Blue (53%)



- Red (84%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (37%)
- Black (16%)




- Cyan (16%)
- Magenta (40%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6257, 38.6528, 28.0831 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 43.6257, 38.6528, 28.0831 by changing the saturation by 10% instead.





 43.6257, 38.6528,  
28.0831

 43.6257, 38.6528,  
28.0831


352.0567,  
340.4121, 306.7882


 30.5730, 26.4897,  
18.1487


 79.9041, 73.1076,  
57.6418

 20.4241, 17.1904,  
10.8863


 103.8604, 96.1682,  
78.1032

 12.8138, 10.3703,  
5.8772


 132.1821,  
123.6300, 102.9106

 7.3766, 5.6452,  
2.7030

165.2343,  
155.8775, 132.4827

 3.7471, 2.6305,  
0.9449

203.3826,  
193.2950, 167.2380

 1.5601, 0.9420,  
0.0000

246.9921,

 0.3662, 0.0000,

236.2671, 207.5950

0.0000

296.4284,  
285.1779, 253.9722

■ 0.0000, 0.0000,  
0.0000

■ 43.6257, 38.6528,  
28.0831

■ 43.6257, 38.6528,  
28.0831

■ 39.7078, 32.9997,  
20.0479

■ 48.2436, 45.2164,  
37.8604

■ 36.4517, 28.2110,  
13.6496

■ 53.5909, 52.7227,  
49.4721

■ 33.8203, 24.2449,  
8.7749

■ 59.6991, 61.2093,  
63.0066

■ 31.7712, 21.0539,  
5.2952

■ 66.5968, 70.7100,  
78.5458

■ 30.2563, 18.5853,  
3.0602

■ 74.3113, 81.2571,  
96.1672

■ 29.2161, 16.7780,  
1.8710

■ 81.3847, 92.2879,  
108.1317

■ 28.9896, 16.3777,  
1.6333

■ 81.8343, 93.1870,  
108.2815

# Harmonies

## Analogous

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



45.8032, 38.6528, 37.7533



43.6257, 38.6528, 28.0831



39.6581, 38.6528, 22.9566

# Triad

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



43.6257, 38.6528, 28.0831



29.2491, 38.6528, 34.4514



38.3288, 38.6528, 71.0477

# Complementary

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



43.6257, 38.6528, 28.0831



42.4507, 50.4434, 71.7890

# 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.



33.9655, 38.6528, 69.6668



43.6257, 38.6528, 28.0831



28.9561, 38.6528, 46.7388

# Square

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



43.6257, 38.6528, 28.0831



31.4526, 38.6528, 26.0871



30.6169, 38.6528, 60.1084



42.5853, 38.6528, 63.5696



# Rectangle

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



43.6257, 38.6528, 28.0831



36.6540, 38.6528, 22.0382



30.6169, 38.6528, 60.1084



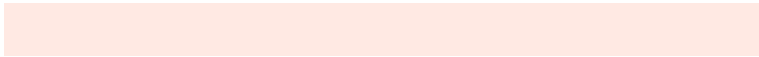
36.8227, 38.6528, 71.6363

# Sweetspot

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



43.6267, 38.6547, 28.0839



84.2123, 85.0314, 84.6111



46.9973, 35.8989, 58.4851



17.7602, 17.8325, 17.5232



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.



43.6267, 38.6547, 28.0839



59.3826, 49.9418, 31.4176



51.0284, 53.4581, 30.5511



12.6351, 12.8443, 12.9740



17.4024, 9.9220, 0.9979



1.1110, 0.7212, 0.0807

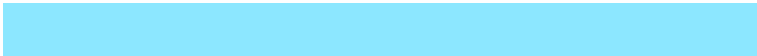


# Inverse Universe

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



42.4507, 50.4434, 71.7890



57.3740, 69.7504, 105.0470



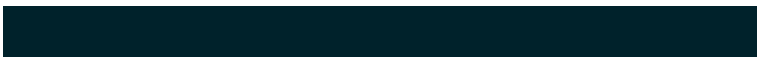
34.6559, 34.8539, 69.1908



12.5577, 13.6389, 15.9082



15.9355, 20.1329, 41.4993



1.0184, 1.3288, 2.5221



# Previews

## White Background



This preview shows how the XYZ color 43.6257, 38.6528, 28.0831 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

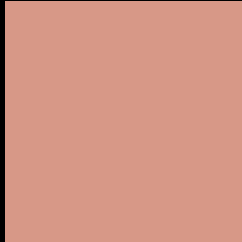
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.6257, 38.6528, 28.0831 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

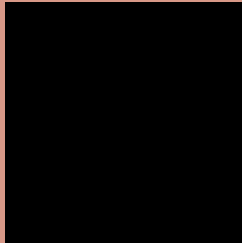
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 43.6257, 38.6528, 28.0831**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.6257, 38.6528, 28.0831.



This preview shows how white text looks on a background with the XYZ color 43.6257, 38.6528,



# 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

43.6257, 38.6528, 28.0831

### Protanopia

36.6057, 38.8205, 31.1550

### Deuteranopia

39.4842, 38.7853, 27.5956



## Tritanopia

45.5503, 38.4696, 38.2823

# Trichromacy



## Original Color

43.6257, 38.6528, 28.0831

## Protanomaly

38.8157, 38.6519, 29.8408

## Deuteranomaly

40.8871, 38.7315, 27.8752

## Tritanomaly

44.6523, 38.3282, 34.3228

# Monochromacy



## Original Color

43.6257, 38.6528, 28.0831

## Achromatopsia

37.7116, 39.6755, 43.2066

## Achromatomaly

39.4327, 39.0678, 37.3608

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.6257, 38.6528, 28.0831 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(215, 152, 135)` looks like.

```
.text, #text, p{  
    color:rgb(215, 152, 135)  
}
```

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(215, 152, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 152, 135) }
```

## Border

The CSS property to change the border of an element to XYZ 43.6257, 38.6528, 28.0831 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(215, 152, 135) }
```



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

```
.border{ border-color:rgb(215, 152, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 152, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 152, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 152, 135);  
box-shadow:4px 4px 4px 4px rgb(215, 152,  
135) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.6257, 38.6528, 28.0831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 152, 135) }
```

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

```
.background{ background-color: rgb(215,  
152, 135) }
```

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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