

Converting Colors

XYZ(38.4948, 35.8095, 27.8050)

Have a look what the booklet for
XYZ(38.4948, 35.8095, 27.8050)
contains.

XYZ(38.4657, 35.7528, 27.7953)	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(38.4657, 35.7528,
27.7953)**

Conversions

Conversions Part 1

Format	Color
Hex	C59787
RGB	197, 151, 135
RGB Percent	77%, 59%, 53%
CMY	0.2275, 0.4078, 0.4706
CMYK	0.00, 0.23, 0.31, 0.23
HSL	15°, 35%, 65%
HSV	15°, 31%, 77%
XYZ	38.4657, 35.7528, 27.7953
YIQ	162.9300, 32.5520, 4.7760

Conversions

Conversions Part 2

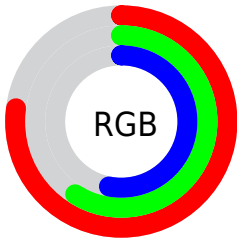
Format	Color
R_{YB}	197, 157, 135
Decimal	12949383
CIE _{Lab}	66.33, 14.97, 15.08
CIE _{LCh}	66, 21.245, 45.208
Yxy	35.7528, 0.3771, 0.3505
Android (android.graphics.Color)	4291139463 (0xFFC59787)
YUV	162.9300, -13.7695, 29.8794
Hunter-Lab	59.7936, 10.1915, 14.2944

Details

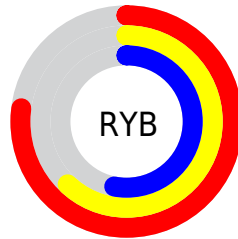
The XYZ color **38.4657, 35.7528, 27.7953** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.5930, 42.2284, 59.0455**, and the grayscale version is **34.8327, 36.6467, 39.9082**.

A 20% lighter version of the original color is **72.1484, 68.5535, 57.0065**, and **17.3522, 15.5210, 10.6756** is the 20% darker color. If you saturate the color by 10%, you get **34.9971, 30.8335, 20.4176**, and if you desaturate by 10%, it is **42.4845, 41.3613, 36.6233**.

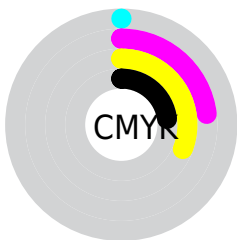
Distribution



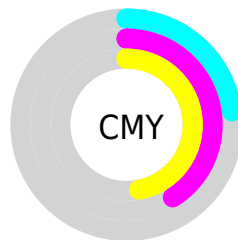
- Red (77%)
- Green (59%)
- Blue (53%)



- Red (77%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (31%)
- Black (23%)





- Cyan (23%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4657, 35.7528, 27.7953 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 38.4657, 35.7528, 27.7953 by changing the saturation by 10% instead.


 38.4657, 35.7528,
27.7953


 38.4657, 35.7528,
27.7953


330.8599,
327.8788, 305.3686


 26.5232, 24.2433,
17.9337


 72.1207, 68.6503,
57.1766

 17.3502, 15.5142,
10.7335


 94.5639, 90.8072,
77.5334

 10.5813, 9.1811,
5.7760


 121.2380,
117.2820, 102.2258

 5.8513, 4.8595,
2.6428

152.5084,
148.4592, 131.6721

 2.7946, 2.1650,
0.9144

188.7404,
184.7230, 166.2910

 1.0461, 0.7008,
0.0000

230.2994,

 0.0000, 0.0000,

226.4580, 206.5010

0.0000

277.5508,
274.0484, 252.7207

■ 38.4657, 35.7528,
27.7953

■ 38.4657, 35.7528,
27.7953

■ 34.9971, 30.8335,
20.4176

■ 42.4845, 41.3613,
36.6233

■ 32.0509, 26.5715,
14.4099

■ 47.0738, 47.6793,
46.9718

■ 29.6015, 22.9397,
9.6871

■ 52.2563, 54.7327,
58.9088

■ 27.6193, 19.9070,
6.1540

■ 58.0527, 62.5443,
72.4979

■ 26.0716, 17.4398,
3.7016

■ 64.4826, 71.1360,
87.7988

■ 24.9207, 15.5003,
2.2006

■ 71.5646, 80.5289,
104.8684

■ 24.2033, 14.2251,
1.4701

■ 76.2987, 89.5359,
107.8685

■ 76.8359, 90.6103,
108.0476

Harmonies

Analogous

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



40.2181, 35.7528, 34.5212



38.4657, 35.7528, 27.7953



35.5641, 35.7528, 24.3566

Triad

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



38.4657, 35.7528, 27.7953



28.4161, 35.7528, 34.6346



35.6083, 35.7528, 58.3487

Complementary

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



38.4657, 35.7528, 27.7953



36.5930, 42.2284, 59.0455

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.



32.4475, 35.7528, 58.3918



38.4657, 35.7528, 27.7953



28.4263, 35.7528, 43.6963

Square

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



38.4657, 35.7528, 27.7953



29.8322, 35.7528, 27.8672



29.8609, 35.7528, 52.6971



38.4998, 35.7528, 52.5872

Rectangle

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



38.4657, 35.7528, 27.7953



33.4309, 35.7528, 23.9876



29.8609, 35.7528, 52.6971



34.5390, 35.7528, 59.0587

Sweetspot

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



38.4666, 35.7545, 27.7960



86.3796, 88.2230, 88.8572



40.0820, 32.5554, 48.1569



18.2069, 18.4983, 18.3743



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.



38.4666, 35.7545, 27.7960



64.3770, 57.6457, 40.1266



44.0250, 46.8712, 29.6488



10.8528, 11.0746, 11.1284



15.9777, 9.4726, 0.9863



0.8172, 0.5697, 0.0669

Inverse Universe

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



36.5930, 42.2284, 59.0455



60.4634, 71.0856, 105.1419



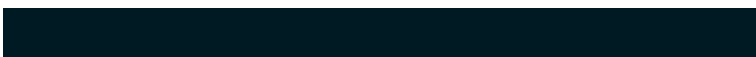
31.0564, 31.1551, 57.2000



10.7060, 11.5862, 13.5896



13.4750, 16.3440, 37.1889



0.6941, 0.8860, 1.7796

Previews

White Background



This preview shows how the XYZ color 38.4657, 35.7528, 27.7953 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 38.4657, 35.7528, 27.7953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

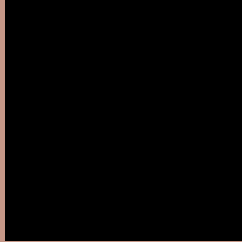
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4657, 35.7528, 27.7953

Background



This preview shows how black text looks on a background with the XYZ color 38.4657, 35.7528, 27.7953.



This preview shows how white text looks on a background with the XYZ color 38.4657, 35.7528,

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

38.4657, 35.7528, 27.7953

Protanopia

33.8407, 35.8182, 29.9410

Deuteranopia

36.5179, 35.7287, 27.5259



Tritanopia

40.6673, 35.9624, 37.5989

Trichromacy



Original Color

38.4657, 35.7528, 27.7953

Protanomaly

35.2348, 35.5326, 29.0462

Deuteranomaly

37.3445, 35.9088, 27.5171

Tritanomaly

39.8057, 35.8390, 33.6738

Monochromacy



Original Color

38.4657, 35.7528, 27.7953

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.8271, 36.2101, 35.2380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4657, 35.7528, 27.7953 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(197, 151, 135)` looks like.

```
.text, #text, p{  
    color:rgb(197, 151, 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(197, 151, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 151, 135) }
```

Border

The CSS property to change the border of an element to XYZ 38.4657, 35.7528, 27.7953 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(197, 151, 135) }
```


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

```
.border{ border-color:rgb(197, 151, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 151, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 151, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 151, 135);  
box-shadow:4px 4px 4px 4px rgb(197, 151,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4657, 35.7528, 27.7953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 151, 135) }
```

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

```
.background{ background-color: rgb(197,  
151, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor