

# Converting Colors

XYZ(41.4113, 50.5528, 27.3137)

Have a look what the booklet for  
XYZ(41.4113, 50.5528, 27.3137)  
contains.

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# Color

**XYZ(41.4113, 50.5528,  
27.3137)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AFC57E
RGB	175, 197, 126
RGB Percent	69%, 77%, 49%
CMY	0.3137, 0.2274, 0.5059
CMYK	0.11, 0.00, 0.36, 0.23
HSL	79°, 38%, 63%
HSV	79°, 36%, 77%
XYZ	41.4113, 50.5528, 27.3137
YIQ	182.3280, 9.6790, -26.7450

# Conversions

## Conversions Part 2

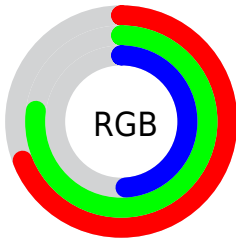
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">126, 197, 148</a>
Decimal	<a href="#">11519358</a>
CIELab	<a href="#">76.41, -19.26, 33.19</a>
CIELCh	<a href="#">76, 38.370, 120.124</a>
Yxy	<a href="#">50.5528, 0.3472, 0.4238</a>
Android (android.graphics.Color)	<a href="#">4289709438 (0xFFAFC57E)</a>
YUV	<a href="#">182.3280, -27.7697, -6.4267</a>
Hunter-Lab	<a href="#">71.1005, -20.4615, 26.9937</a>

# Details

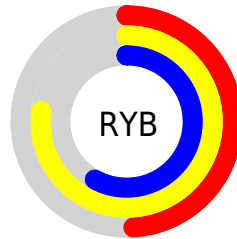
The XYZ color **41.4113, 50.5528, 27.3137** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.7537, 25.2502, 56.1318**, and the grayscale version is **44.7864, 47.1187, 51.3123**.

A 20% lighter version of the original color is **76.5335, 91.1272, 56.2034**, and **19.0121, 24.2317, 10.5126** is the 20% darker color. If you saturate the color by 10%, you get **38.9241, 49.4049, 21.2026**, and if you desaturate by 10%, it is **44.2133, 51.8373, 34.7483**.

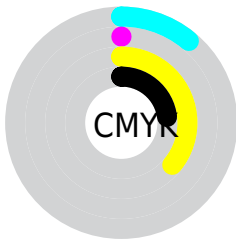
# Distribution



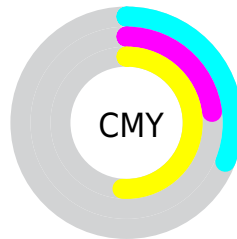
- Red (69%)
- Green (77%)
- Blue (49%)



- Red (49%)
- Yellow (77%)
- Blue (58%)



- Cyan (11%)
- Magenta (0%)
- Yellow (36%)
- Black (23%)



- Cyan (31%)
- Magenta (23%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4113, 50.5528, 27.3137 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 41.4113, 50.5528, 27.3137 by changing the saturation by 10% instead.



■ 41.4113, 50.5528,  
27.3137

■ 41.4113, 50.5528,  
27.3137

343.0700,  
388.8238, 302.9809

■ 28.8297, 35.8528,  
17.5744

■ 76.5786, 90.9934,  
56.3967

■ 19.0957, 24.3206,  
10.4786

■ 99.8951, 117.5028,  
76.5775

■ 11.8438, 15.5716,  
5.6077

■ 127.5205,  
148.7175, 101.0759

■ 6.7089, 9.2215,  
2.5431

159.8203,  
185.0218, 130.3105

■ 3.3254, 4.8859,  
0.8629

197.1598,  
226.8003, 164.6997

■ 1.3281, 2.1805,  
0.0000

239.9043,

■ 0.2041, 0.7093,

274.4371, 204.6622

0.0000

288.4193,  
328.3168, 250.6164

■ 0.0000, 0.0000,  
0.0000

■ 41.4113, 50.5528,  
27.3137

■ 41.4113, 50.5528,  
27.3137

■ 38.9241, 49.4049,  
21.2026

■ 44.2133, 51.8373,  
34.7483

■ 36.7325, 48.3806,  
16.3340

■ 47.3408, 53.2574,  
43.5745

■ 34.8205, 47.4750,  
12.6229


■ 50.8083, 54.8209,  
53.8598


■ 33.1688, 46.6805,  
9.9726


■ 54.6284, 56.5329,  
65.6663


■ 31.7554, 45.9881,  
8.2704


■ 58.8130, 58.3981,  
79.0524


 30.5522, 45.3864,  
7.3741

 63.3732, 60.4213,  
94.0735

 30.1126, 45.1647,  
7.1306

 66.8525, 62.0197,  
103.0552

 68.7093, 62.9770,  
103.1421

 70.6341, 63.9692,  
103.2322

# Harmonies

## Analogous

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



48.0188, 50.5528, 24.0836



41.4113, 50.5528, 27.3137



36.9860, 50.5528, 37.5154

# Triad

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



41.4113, 50.5528, 27.3137



41.4586, 50.5528, 97.2295



63.3155, 50.5528, 54.9570

# Complementary

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



41.4113, 50.5528, 27.3137



29.7537, 25.2502, 56.1318

# Split Complementary

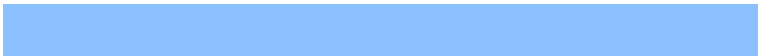
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.1234, 50.5528, 77.3242



41.4113, 50.5528, 27.3137



48.0791, 50.5528, 105.1582

# Square

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



41.4113, 50.5528, 27.3137



37.0113, 50.5528, 77.5121



55.3604, 50.5528, 97.1033



61.0880, 50.5528, 37.3996



# Rectangle

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



41.4113, 50.5528, 27.3137



35.6259, 50.5528, 48.5006



55.3604, 50.5528, 97.1033



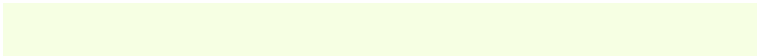
63.0686, 50.5528, 62.1496

# Sweetspot

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



41.4126, 50.5550, 27.3148



87.7320, 96.7117, 86.6801



37.2741, 34.3391, 24.4029



18.5968, 20.6184, 18.0169



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

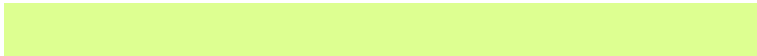


# Same Dimension

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



41.4126, 50.5550, 27.3148



70.7221, 88.9501, 40.3714



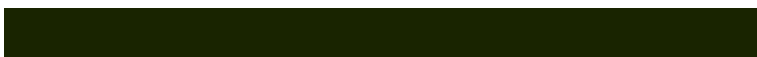
34.5827, 47.0341, 26.9951



11.1917, 12.2458, 11.3366



19.8943, 29.7512, 4.6940



1.0138, 1.4457, 0.2256



# Inverse Universe

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



29.7537, 25.2502, 56.1318



46.8962, 37.2012, 99.3166



37.0216, 28.9970, 56.4719



10.3608, 10.4442, 13.3874



7.9729, 3.3444, 34.9697



0.4527, 0.1971, 1.6593



# Previews

## White Background



This preview shows how the XYZ color 41.4113, 50.5528, 27.3137 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 41.4113, 50.5528, 27.3137 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 41.4113, 50.5528, 27.3137**

## **Background**



This preview shows how black text looks on a background with the XYZ color 41.4113, 50.5528, 27.3137.



This preview shows how white text looks on a background with the XYZ color 41.4113, 50.5528,



# 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

41.4113, 50.5528, 27.3137

### Protanopia

46.3979, 50.2089, 25.6582

### Deuteranopia

51.4019, 50.2618, 28.1114



## Tritanopia

48.6515, 50.5450, 63.0691

# Trichromacy



## Original Color

41.4113, 50.5528, 27.3137

## Protanomaly

44.1983, 50.0291, 26.0660

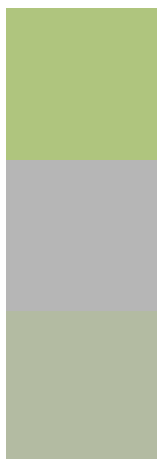
## Deuteranomaly

47.2535, 49.9682, 27.9232

## Tritanomaly

45.3268, 50.1414, 47.3337

# Monochromacy



## Original Color

41.4113, 50.5528, 27.3137

## Achromatopsia

44.4628, 46.7784, 50.9417

## Achromatomaly

42.8823, 47.7330, 41.1357

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 41.4113, 50.5528, 27.3137 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(175, 197, 126)` looks like.

```
.text, #text, p{  
    color:rgb(175, 197, 126)  
}
```

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(175, 197, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 197, 126) }
```

## Border

The CSS property to change the border of an element to XYZ 41.4113, 50.5528, 27.3137 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(175, 197, 126) }
```



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

```
.border{ border-color:rgb(175, 197, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 197, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 197, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 197, 126);  
box-shadow:4px 4px 4px 4px rgb(175, 197,  
126) }
```

# Background

The CSS property to change the background color of an element to XYZ 41.4113, 50.5528, 27.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 197, 126) }
```

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

```
.background{ background-color: rgb(175,  
197, 126) }
```

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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