

Converting Colors

XYZ(37.7143, 52.4837, 28.2213)

Have a look what the booklet for
XYZ(37.7143, 52.4837, 28.2213)
contains.

XYZ(37.7143, 52.4837, 28.2213)	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(37.7143, 52.4837,
28.2213)**

Conversions

Conversions Part 1

Format	Color
Hex	8FD07F
RGB	143, 208, 127
RGB Percent	56%, 82%, 50%
CMY	0.4392, 0.1843, 0.5020
CMYK	0.31, 0.00, 0.39, 0.18
HSL	108°, 46%, 66%
HSV	108°, 39%, 82%
XYZ	37.7143, 52.4837, 28.2213
YIQ	179.3310, -12.7390, -38.9710

Conversions

Conversions Part 2

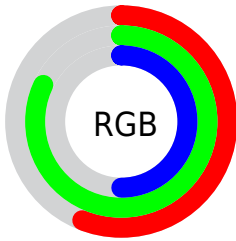
Format	Color
RYB	127, 208, 192
Decimal	9425023
CIELab	77.57, -35.90, 33.81
CIELCh	78, 49.313, 136.717
Yxy	52.4837, 0.3185, 0.4432
Android (android.graphics.Color)	4287615103 (0xFF8FD07F)
YUV	179.3310, -25.7992, -31.8623
Hunter-Lab	72.4456, -33.8550, 27.6154

Details

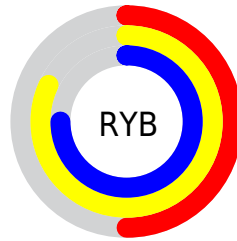
The XYZ color **37.7143, 52.4837, 28.2213** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **40.7152, 30.9409, 63.5036**, and the grayscale version is **43.1638, 45.4116, 49.4533**.

A 20% lighter version of the original color is **67.6537, 86.9983, 56.9427**, and **16.9122, 25.4779, 10.8638** is the 20% darker color. If you saturate the color by 10%, you get **33.8187, 50.6178, 21.6786**, and if you desaturate by 10%, it is **42.3225, 54.6877, 36.2604**.

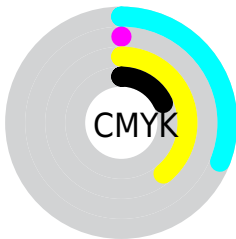
Distribution



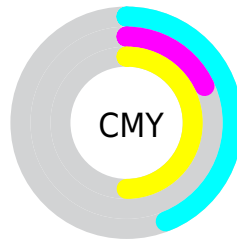
- Red (56%)
- Green (82%)
- Blue (50%)



- Red (50%)
- Yellow (82%)
- Blue (75%)



- Cyan (31%)
- Magenta (0%)
- Yellow (39%)
- Black (18%)



- Cyan (44%)
- Magenta (18%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7143, 52.4837, 28.2213 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 37.7143, 52.4837, 28.2213 by changing the saturation by 10% instead.


 37.7143, 52.4837,
28.2213


 37.7143, 52.4837,
28.2213


327.6949,
396.3011, 307.4680


 25.9372, 37.3908,
18.2521


 70.9767, 93.8442,
57.8649

 16.9091, 25.5102,
10.9598


 93.1928, 120.8806,
78.3764

 10.2646, 16.4576,
5.9260


 119.6193,
152.6669, 103.2389

 5.6384, 9.8485,
2.7321

150.6215,
189.5875, 132.8712

 2.6650, 5.2986,
0.9595

186.5648,
232.0268, 167.6917

 0.9792, 2.4235,
0.0000

227.8146,

 0.0000, 0.8380,

280.3693, 208.1190

0.0000

274.7362,
334.9993, 254.5716

■ 0.0000, 0.0000,
0.0000

■ 37.7143, 52.4837,
28.2213

■ 37.7143, 52.4837,
28.2213

■ 33.8187, 50.6178,
21.6786

■ 42.3225, 54.6877,
36.2604

■ 30.5953, 49.0666,
16.5364

■ 47.6729, 57.2386,
45.8767

■ 28.0060, 47.8141,
12.6936


■ 53.7982, 60.1532,
57.1494


■ 26.0067, 46.8402,
10.0336


■ 60.7281, 63.4451,
70.1516


■ 24.5473, 46.1221,
8.4193

■ 68.4905, 67.1272,
84.9517

 23.5588, 45.6290,
7.6288

 77.1122, 71.2120,
101.6146

 23.4746, 45.5870,
7.5619

 81.8470, 73.5939,
104.4990

Harmonies

Analogous

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



44.8039, 52.4837, 20.2162



37.7143, 52.4837, 28.2213



34.1110, 52.4837, 45.9314

Triad

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



37.7143, 52.4837, 28.2213



45.7971, 52.4837, 124.8244



69.5409, 52.4837, 43.3588

Complementary

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



37.7143, 52.4837, 28.2213



40.7152, 30.9409, 63.5036

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.



69.8956, 52.4837, 70.0515



37.7143, 52.4837, 28.2213



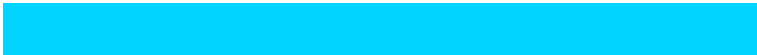
55.3347, 52.4837, 123.4612

Square

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



37.7143, 52.4837, 28.2213



38.3614, 52.4837, 104.4127



64.4253, 52.4837, 101.1291



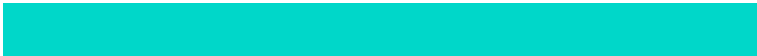
63.5102, 52.4837, 26.8566

Rectangle

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



37.7143, 52.4837, 28.2213



33.8293, 52.4837, 63.4969



64.4253, 52.4837, 101.1291



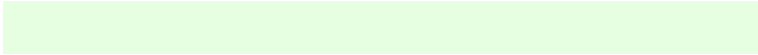
70.3523, 52.4837, 51.2330

Sweetspot

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



37.7156, 52.4859, 28.2225



82.0445, 93.8200, 84.5906



48.6512, 52.5562, 27.6596



17.2822, 19.9488, 17.5918



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.



37.7156, 52.4859, 28.2225



54.4062, 80.6261, 35.6720



36.9203, 51.8703, 37.4734



11.8712, 13.3171, 12.5568



14.6930, 28.4435, 4.7157



0.8869, 1.6241, 0.2667

Inverse Universe

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



40.7152, 30.9409, 63.5036



59.7964, 41.6336, 99.4922



42.2240, 32.0382, 49.1433



12.0725, 11.8862, 14.9016



17.0973, 7.9943, 37.8344



1.0157, 0.4778, 2.1183

Previews

White Background



This preview shows how the XYZ color 37.7143, 52.4837, 28.2213 looks on a white background.

Color Contrast Check

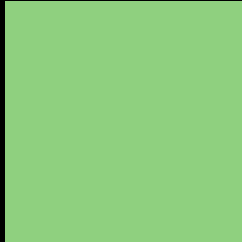
Large Text (above 18pt) WCAG AA × Fail

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 37.7143, 52.4837, 28.2213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

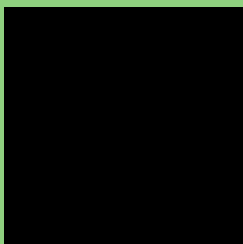
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

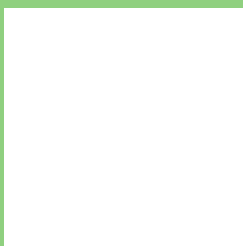
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.7143, 52.4837, 28.2213

Background



This preview shows how black text looks on a background with the XYZ color 37.7143, 52.4837, 28.2213.

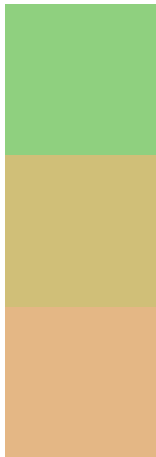


This preview shows how white text looks on a background with the XYZ color 37.7143, 52.4837,

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

37.7143, 52.4837, 28.2213

Protanopia

48.0334, 52.0276, 25.2800

Deuteranopia

53.1620, 52.0544, 29.4359



Tritanopia

46.3049, 52.4614, 70.6363

Trichromacy



Original Color

37.7143, 52.4837, 28.2213



Protanomaly

43.3086, 51.5529, 26.4070



Deuteranomaly

45.9723, 51.2083, 28.9339



Tritanomaly

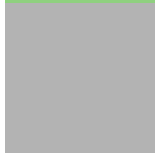
42.7009, 52.3908, 52.1178

Monochromacy



Original Color

37.7143, 52.4837, 28.2213



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

40.4845, 47.4720, 40.2870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7143, 52.4837, 28.2213 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(143, 208, 127)` looks like.

```
.text, #text, p{  
    color:rgb(143, 208, 127)  
}
```

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(143, 208, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 208, 127) }
```

Border

The CSS property to change the border of an element to XYZ 37.7143, 52.4837, 28.2213 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(143, 208, 127) }
```


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

```
.border{ border-color:rgb(143, 208, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 208, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 208, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 208, 127);  
box-shadow:4px 4px 4px 4px rgb(143, 208,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7143, 52.4837, 28.2213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 208, 127) }
```

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

```
.background{ background-color: rgb(143,  
208, 127) }
```

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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