

Converting Colors

XYZ(35.9537, 52.5029, 27.2273)

Have a look what the booklet for
XYZ(35.9537, 52.5029, 27.2273)
contains.

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Color

**XYZ(35.8906, 52.2942,
27.2709)**

Conversions

Conversions Part 1

Format	Color
Hex	82D27C
RGB	130, 210, 124
RGB Percent	51%, 82%, 49%
CMY	0.4902, 0.1765, 0.5137
CMYK	0.38, 0.00, 0.41, 0.18
HSL	116°, 49%, 65%
HSV	116°, 41%, 82%
XYZ	35.8906, 52.2942, 27.2709
YIQ	176.2760, -20.0740, -43.7060

Conversions

Conversions Part 2

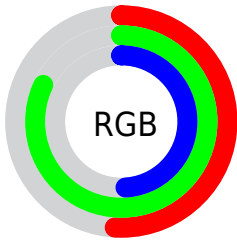
Format	Color
RYB	124, 210, 204
Decimal	8573564
CIELab	77.46, -41.43, 35.06
CIELCh	77, 54.277, 139.761
Yxy	52.2942, 0.3109, 0.4529
Android (android.graphics.Color)	4286763644 (0xFF82D27C)
YUV	176.2760, -25.7721, -40.5841
Hunter-Lab	72.3147, -37.9593, 28.2612

Details

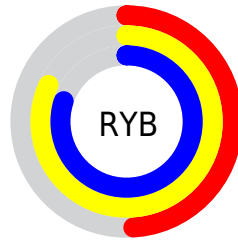
The XYZ color **35.8906, 52.2942, 27.2709** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **43.7446, 31.9074, 64.8286**, and the grayscale version is **41.5499, 43.7137, 47.6042**.

A 20% lighter version of the original color is **64.0456, 85.1735, 55.1840**, and **15.8256, 25.4196, 10.3757** is the 20% darker color. If you saturate the color by 10%, you get **31.9844, 50.4195, 20.8786**, and if you desaturate by 10%, it is **40.6512, 54.5798, 35.1816**.

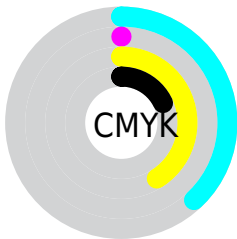
Distribution



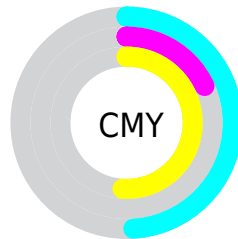
- Red (51%)
- Green (82%)
- Blue (49%)



- Red (49%)
- Yellow (82%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (41%)
- Black (18%)





- Cyan (49%)
- Magenta (18%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8906, 52.2942, 27.2709 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 35.8906, 52.2942, 27.2709 by changing the saturation by 10% instead.


 35.8906, 52.2942,
27.2709


 35.8906, 52.2942,
27.2709


319.9217,
395.5713, 302.7680


 24.5194, 37.2396,
17.5425


 68.1882, 93.5650,
56.3273

 15.8462, 25.3931,
10.4560

 89.8452, 120.5500,
76.4924

 9.5055, 16.3702,
5.5928


 115.6617,
152.2806, 100.9735

 5.1321, 9.7865,
2.5344

146.0029,
189.1412, 130.1891

 2.3605, 5.2576,
0.8583

181.2341,
231.5161, 164.5579

 0.8254, 2.3992,
0.0000

221.7207,

 0.0000, 0.8255,

279.7899, 204.4982

0.0000

267.8282,
334.3468, 250.4287

■ 0.0000, 0.0000,
0.0000

■ 35.8906, 52.2942,
27.2709

■ 35.8906, 52.2942,
27.2709

■ 31.9844, 50.4195,
20.8786

■ 40.6512, 54.5798,
35.1816

■ 28.8781, 48.9250,
15.9044

■ 46.3085, 57.2915,
44.6955

■ 26.5175, 47.7867,
12.2412


■ 52.9067, 60.4520,
55.8956


■ 24.8395, 46.9747,
9.7654


■ 60.4860, 64.0802,
68.8578

■ 23.7709, 46.4545,
8.3299

■ 69.0843, 68.1941,
83.6536

 23.2389, 46.1938,
7.6915

 78.7372, 72.8109,
100.3504

 82.3376, 74.5752,
104.6625

Harmonies

Analogous

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



43.2161, 52.2942, 18.1404



35.8906, 52.2942, 27.2709



32.4383, 52.2942, 47.3112

Triad

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



35.8906, 52.2942, 27.2709



46.2174, 52.2942, 134.4076



71.1115, 52.2942, 39.6171

Complementary

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



35.8906, 52.2942, 27.2709



43.7446, 31.9074, 64.8286

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.



72.2130, 52.2942, 67.7927



35.8906, 52.2942, 27.2709



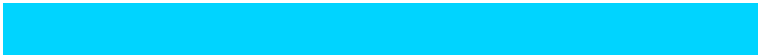
56.8109, 52.2942, 130.0727

Square

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



35.8906, 52.2942, 27.2709



37.8222, 52.2942, 113.1255



66.6725, 52.2942, 102.7846



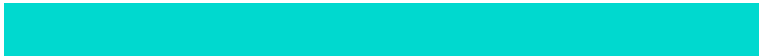
63.8453, 52.2942, 23.3422

Rectangle

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



35.8906, 52.2942, 27.2709



32.4164, 52.2942, 67.2621



66.6725, 52.2942, 102.7846



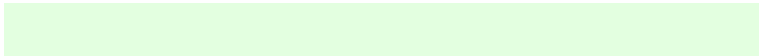
72.2504, 52.2942, 47.7311

Sweetspot

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



35.8919, 52.2964, 27.2721



80.8007, 93.1788, 84.5324



51.5353, 57.7926, 27.5084



16.9919, 19.7991, 17.5782



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.



35.8919, 52.2964, 27.2721



50.4009, 78.6018, 33.6520



37.6910, 52.9128, 41.4094



11.7316, 13.2451, 12.5503



14.2061, 28.1925, 4.6930



0.8217, 1.5904, 0.2637

Inverse Universe

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



43.7446, 31.9074, 64.8286



64.1452, 42.8429, 99.4964



41.4440, 31.1807, 43.9655



12.2260, 11.9653, 14.9088



20.9150, 9.9624, 38.0131



1.1944, 0.5699, 2.1266

Previews

White Background



This preview shows how the XYZ color 35.8906, 52.2942, 27.2709 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 35.8906, 52.2942, 27.2709 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 35.8906, 52.2942, 27.2709

Background



This preview shows how black text looks on a background with the XYZ color 35.8906, 52.2942, 27.2709.



This preview shows how white text looks on a background with the XYZ color 35.8906, 52.2942,

27.2709.

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

35.8906, 52.2942, 27.2709

Protanopia

47.5783, 51.4978, 23.9554

Deuteranopia

52.4358, 51.3985, 28.2763



Tritanopia

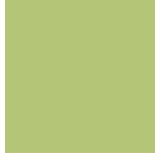
44.7218, 51.9562, 71.9614

Trichromacy



Original Color

35.8906, 52.2942, 27.2709



Protanomaly

42.1184, 50.9677, 25.0706



Deuteranomaly

44.4841, 50.4643, 27.8181



Tritanomaly

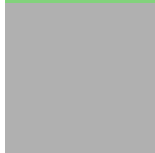
40.7839, 51.7520, 52.0956

Monochromacy



Original Color

35.8906, 52.2942, 27.2709



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

38.3671, 45.7717, 38.7109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8906, 52.2942, 27.2709 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(130, 210, 124)` looks like.

```
.text, #text, p{  
    color:rgb(130, 210, 124)  
}
```

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(130, 210, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 210, 124) }
```

Border

The CSS property to change the border of an element to XYZ 35.8906, 52.2942, 27.2709 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(130, 210, 124) }
```


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

```
.border{ border-color:rgb(130, 210, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 210, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 210, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 210, 124);  
box-shadow:4px 4px 4px 4px rgb(130, 210,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8906, 52.2942, 27.2709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 210, 124) }
```

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

```
.background{ background-color: rgb(130,  
210, 124) }
```

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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