

Converting Colors

XYZ(36.8392, 53.1058, 29.4279)

Have a look what the booklet for
XYZ(36.8392, 53.1058, 29.4279)
contains.

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Color

**XYZ(36.8392, 53.1058,
29.4279)**

Conversions

Conversions Part 1

Format	Color
Hex	84D382
RGB	132, 211, 130
RGB Percent	52%, 83%, 51%
CMY	0.4824, 0.1725, 0.4902
CMYK	0.37, 0.00, 0.38, 0.17
HSL	119°, 48%, 67%
HSV	119°, 38%, 83%
XYZ	36.8392, 53.1058, 29.4279
YIQ	178.1450, -21.0830, -41.9390

Conversions

Conversions Part 2

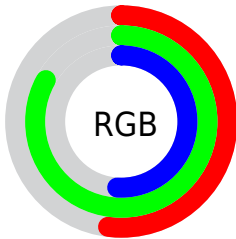
Format	Color
RYB	130, 211, 209
Decimal	8704898
CIELab	77.94, -40.35, 32.65
CIELCh	78, 51.906, 141.020
Yxy	53.1058, 0.3086, 0.4449
Android (android.graphics.Color)	4286894978 (0xFF84D382)
YUV	178.1450, -23.7355, -40.4692
Hunter-Lab	72.8737, -37.2935, 27.0691

Details

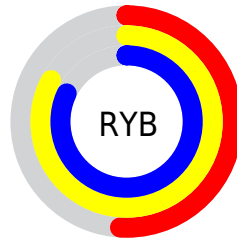
The XYZ color **36.8392, 53.1058, 29.4279** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **46.0377, 34.2255, 65.8106**, and the grayscale version is **42.5245, 44.7391, 48.7209**.

A 20% lighter version of the original color is **65.1508, 85.6721, 58.4500**, and **16.4416, 25.9611, 11.5416** is the 20% darker color. If you saturate the color by 10%, you get **32.6590, 51.0996, 22.5822**, and if you desaturate by 10%, it is **41.9474, 55.5600, 37.8352**.

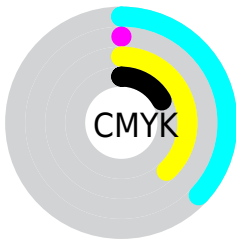
Distribution



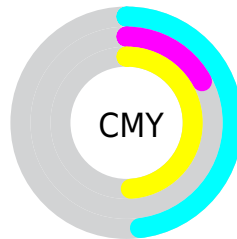
- Red (52%)
- Green (83%)
- Blue (51%)



- Red (51%)
- Yellow (83%)
- Blue (82%)



- Cyan (37%)
- Magenta (0%)
- Yellow (38%)
- Black (17%)





- Cyan (48%)
- Magenta (17%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8392, 53.1058, 29.4279 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 36.8392, 53.1058, 29.4279 by changing the saturation by 10% instead.


 36.8392, 53.1058,
29.4279


 36.8392, 53.1058,
29.4279


323.9815,
398.6909, 313.3525


 25.2561, 37.8872,
19.1564


 69.6408, 94.7600,
59.8065

 16.3977, 25.8952,
11.6054


 91.5901, 121.9645,
80.7507

 9.8987, 16.7452,
6.3563


 117.7255,
153.9330, 106.0896

 5.3936, 10.0530,
2.9907

148.4123,
191.0501, 136.2416

 2.5171, 5.4341,
1.0899

184.0160,
233.7000, 171.6254

 0.9039, 2.5042,
0.0000

224.9018,

 0.0000, 0.8787,

282.2672, 212.6594

0.0000

271.4352,
337.1360, 259.7623

■ 0.0000, 0.0000,
0.0000

■ 36.8392, 53.1058,
29.4279

■ 36.8392, 53.1058,
29.4279

■ 32.6590, 51.0996,
22.5822

■ 41.9474, 55.5600,
37.8352

■ 29.3473, 49.5081,
17.1987

■ 48.0303, 58.4796,
47.8883

■ 26.8441, 48.3042,
13.1721

■ 55.1364, 61.8895,
59.6697

■ 25.0803, 47.4549,
10.3815

■ 63.3097, 65.8108,
73.2552

■ 23.9750, 46.9214,
8.6848

■ 72.5918, 70.2633,
88.7161

■ 23.4206, 46.6531,
7.8682

■ 82.5854, 75.0707,
104.7451

■ 23.3605, 46.6243,
7.7682

Harmonies

Analogous

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



43.8279, 53.1058, 19.9049



36.8392, 53.1058, 29.4279



33.6269, 53.1058, 49.5720

Triad

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



36.8392, 53.1058, 29.4279



47.5055, 53.1058, 131.9533



70.8505, 53.1058, 40.0867

Complementary

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



36.8392, 53.1058, 29.4279



46.0377, 34.2255, 65.8106

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.



72.1798, 53.1058, 66.9427



36.8392, 53.1058, 29.4279



57.7633, 53.1058, 126.7912

Square

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



36.8392, 53.1058, 29.4279



39.2225, 53.1058, 112.7009



67.1193, 53.1058, 100.3193



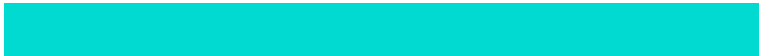
63.6978, 53.1058, 24.4789

Rectangle

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



36.8392, 53.1058, 29.4279



33.7184, 53.1058, 69.1140



67.1193, 53.1058, 100.3193



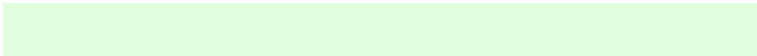
72.0276, 53.1058, 47.8343

Sweetspot

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



36.8405, 53.1080, 29.4291



80.3685, 92.9560, 84.5122



53.5248, 60.7216, 30.0193



16.8912, 19.7472, 17.5735



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.



36.8405, 53.1080, 29.4291



51.2412, 78.9734, 36.4737



39.5512, 54.1565, 45.3185



11.6829, 13.2200, 12.5480



14.1100, 28.1430, 4.6885



0.7986, 1.5786, 0.2626

Inverse Universe

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



46.0377, 34.2255, 65.8106



67.2790, 46.0264, 99.9457



42.4107, 32.8404, 43.7420



12.2808, 11.9936, 14.9114



22.4364, 10.7467, 38.0843



1.2638, 0.6057, 2.1299

Previews

White Background



This preview shows how the XYZ color 36.8392, 53.1058, 29.4279 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 36.8392, 53.1058, 29.4279 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 36.8392, 53.1058, 29.4279

Background



This preview shows how black text looks on a background with the XYZ color 36.8392, 53.1058, 29.4279.



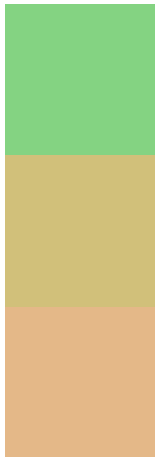
This preview shows how white text looks on a background with the XYZ color 36.8392, 53.1058,

29.4279.

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

36.8392, 53.1058, 29.4279

Protanopia

48.6570, 52.6597, 26.0122

Deuteranopia

53.5793, 52.5525, 30.6123



Tritanopia

45.8055, 53.1726, 73.4948

Trichromacy



Original Color

36.8392, 53.1058, 29.4279



Protanomaly

43.1812, 52.1513, 27.1924



Deuteranomaly

45.5872, 51.6423, 30.1195



Tritanomaly

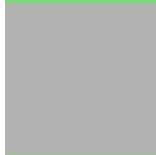
41.9160, 53.0051, 53.9207

Monochromacy



Original Color

36.8392, 53.1058, 29.4279



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

39.5444, 46.9772, 40.7015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8392, 53.1058, 29.4279 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(132, 211, 130)` looks like.

```
.text, #text, p{  
    color:rgb(132, 211, 130)  
}
```

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(132, 211, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 211, 130) }
```

Border

The CSS property to change the border of an element to XYZ 36.8392, 53.1058, 29.4279 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(132, 211, 130) }
```


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

```
.border{ border-color:rgb(132, 211, 130) }
```

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

Here you see how a box with a 4 pixel rgb(132, 211, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 211, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 211, 130);  
box-shadow:4px 4px 4px 4px rgb(132, 211,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8392, 53.1058, 29.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 211, 130) }
```

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

```
.background{ background-color: rgb(132,  
211, 130) }
```

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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