

Converting Colors

XYZ(38.4515, 53.2462, 31.8528)

Have a look what the booklet for
XYZ(38.4515, 53.2462, 31.8528)
contains.

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Color

**XYZ(38.4712, 53.1579,
31.8998)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED189
RGB	142, 209, 137
RGB Percent	56%, 82%, 54%
CMY	0.4431, 0.1804, 0.4627
CMYK	0.32, 0.00, 0.34, 0.18
HSL	116°, 44%, 68%
HSV	116°, 34%, 82%
XYZ	38.4712, 53.1579, 31.8998
YIQ	180.7590, -16.8200, -36.5960

Conversions

Conversions Part 2

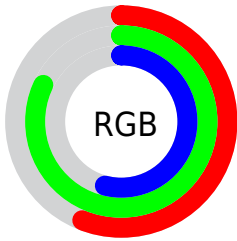
Format	Color
RYB	137, 209, 204
Decimal	9359753
CIELab	77.97, -35.18, 29.18
CIELCh	78, 45.705, 140.322
Yxy	53.1579, 0.3114, 0.4303
Android (android.graphics.Color)	4287549833 (0xFF8ED189)
YUV	180.7590, -21.5732, -33.9916
Hunter-Lab	72.9095, -33.4048, 25.0957

Details

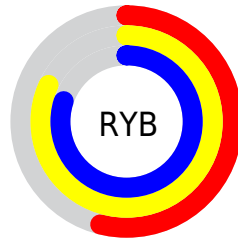
The XYZ color **38.4712, 53.1579, 31.8998** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.3585, 35.3338, 64.7539**, and the grayscale version is **43.9113, 46.1981, 50.3097**.

A 20% lighter version of the original color is **68.4527, 87.2874, 62.5305**, and **17.3551, 25.9069, 12.8899** is the 20% darker color. If you saturate the color by 10%, you get **34.0642, 51.0444, 24.6112**, and if you desaturate by 10%, it is **43.7536, 55.6923, 40.7475**.

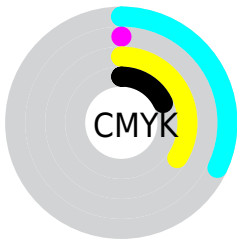
Distribution



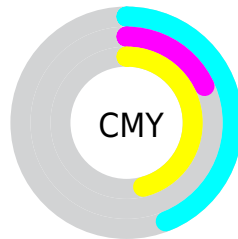
- Red (56%)
- Green (82%)
- Blue (54%)



- Red (54%)
- Yellow (82%)
- Blue (80%)



- Cyan (32%)
- Magenta (0%)
- Yellow (34%)
- Black (18%)



- Cyan (44%)
- Magenta (18%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4712, 53.1579, 31.8998 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 38.4712, 53.1579, 31.8998 by changing the saturation by 10% instead.


 38.4712, 53.1579,
31.8998


 38.4712, 53.1579,
31.8998


330.8830,
398.8906, 325.1412


 26.5275, 37.9288,
21.0208


 72.1290, 94.8367,
63.7501

 17.3534, 25.9275,
12.9478


 94.5739, 122.0552,
85.5584

 10.5836, 16.7694,
7.2623


 121.2498,
154.0389, 111.8469

 5.8528, 10.0702,
3.5458

152.5221,
191.1724, 143.0341

 2.7956, 5.4455,
1.3796

188.7563,
233.8399, 179.5387

 1.0466, 2.5110,
0.1257

230.3176,

 0.0000, 0.8821,

282.4258, 221.7790

0.0000

277.5714,
337.3146, 270.1736

■ 0.0000, 0.0000,
0.0000

■ 38.4712, 53.1579,
31.8998

■ 38.4712, 53.1579,
31.8998

■ 34.0642, 51.0444,
24.6112

■ 43.7536, 55.6923,
40.7475

■ 30.4815, 49.3226,
18.7882

■ 49.9509, 58.6614,
51.2336

■ 27.6729, 47.9704,
14.3326

■ 57.1051, 62.0869,
63.4363

■ 25.5810, 46.9606,
11.1327

■ 65.2543, 65.9867,
77.4277

■ 24.1405, 46.2624,
9.0596

■ 74.4346, 70.3781,
93.2759

■ 23.2739, 45.8392,
7.9563

■ 82.0915, 74.0831,
104.5805

■ 22.9907, 45.7006,
7.6094

Harmonies

Analogous

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



44.8146, 53.1579, 23.0250



38.4712, 53.1579, 31.8998



35.4704, 53.1579, 50.0296

Triad

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



38.4712, 53.1579, 31.8998



47.7039, 53.1579, 120.8399



68.3213, 53.1579, 42.4801

Complementary

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



38.4712, 53.1579, 31.8998



45.3585, 35.3338, 64.7539

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.



69.3305, 53.1579, 66.5113



38.4712, 53.1579, 31.8998



56.7010, 53.1579, 117.0386

Square

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



38.4712, 53.1579, 31.8998



40.3725, 53.1579, 104.3584



64.8653, 53.1579, 95.1262



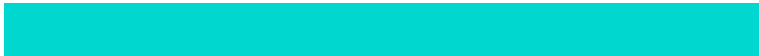
62.2510, 53.1579, 27.7725

Rectangle

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



38.4712, 53.1579, 31.8998



35.4968, 53.1579, 67.1082



64.8653, 53.1579, 95.1262



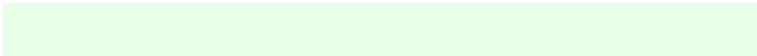
69.2893, 53.1579, 49.5390

Sweetspot

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



38.4726, 53.1602, 31.9010



83.0151, 94.2391, 88.3099



52.1682, 58.0760, 32.1280



17.4337, 20.0107, 18.3313



0.0000, 0.0000, 0.0000



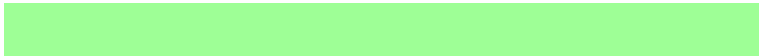
20.3446, 21.4041, 23.3091

Same Dimension

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



38.4726, 53.1602, 31.9010



55.3446, 80.9761, 41.7575



40.0938, 53.7118, 44.8150



11.7312, 13.2449, 12.5503



14.2053, 28.1921, 4.6929



0.8215, 1.5904, 0.2637

Inverse Universe

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



45.3585, 35.3338, 64.7539



67.6481, 49.0858, 100.5168



43.3787, 34.7027, 47.0617



12.2264, 11.9655, 14.9088



20.9256, 9.9679, 38.0136



1.1949, 0.5702, 2.1266

Previews

White Background



This preview shows how the XYZ color 38.4712, 53.1579, 31.8998 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 38.4712, 53.1579, 31.8998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

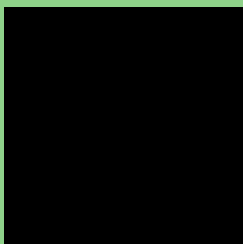
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

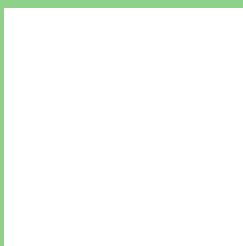
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4712, 53.1579, 31.8998

Background



This preview shows how black text looks on a background with the XYZ color 38.4712, 53.1579, 31.8998.



This preview shows how white text looks on a background with the XYZ color 38.4712, 53.1579,

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

38.4712, 53.1579, 31.8998

Protanopia

48.8913, 52.7209, 28.7184

Deuteranopia

53.7770, 52.5950, 33.3041



Tritanopia

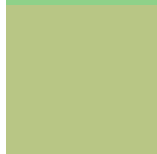
46.3995, 52.8211, 72.0400

Trichromacy



Original Color

38.4712, 53.1579, 31.8998



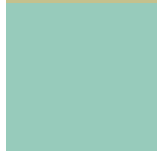
Protanomaly

44.1949, 52.2720, 29.9505



Deuteranomaly

46.6426, 51.7988, 32.7391



Tritanomaly

43.0881, 52.8790, 54.9494

Monochromacy



Original Color

38.4712, 53.1579, 31.8998



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

41.3587, 48.1937, 42.7198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4712, 53.1579, 31.8998 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(142, 209, 137)` looks like.

```
.text, #text, p{  
    color:rgb(142, 209, 137)  
}
```

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(142, 209, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 209, 137) }
```

Border

The CSS property to change the border of an element to XYZ 38.4712, 53.1579, 31.8998 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(142, 209, 137) }
```


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

```
.border{ border-color:rgb(142, 209, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 209, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 209, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 209, 137);  
box-shadow:4px 4px 4px 4px rgb(142, 209,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4712, 53.1579, 31.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 209, 137) }
```

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

```
.background{ background-color: rgb(142,  
209, 137) }
```

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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