

Converting Colors

XYZ(43.3685, 57.2892, 51.7049)

Have a look what the booklet for
XYZ(43.3685, 57.2892, 51.7049)
contains.

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Color

**XYZ(43.2693, 57.0511,
51.9115)**

Conversions

Conversions Part 1

Format	Color
Hex	8DD6B4
RGB	141, 214, 180
RGB Percent	55%, 84%, 71%
CMY	0.4471, 0.1608, 0.2941
CMYK	0.34, 0.00, 0.16, 0.16
HSL	152°, 47%, 70%
HSV	152°, 34%, 84%
XYZ	43.2693, 57.0511, 51.9115
YIQ	188.2970, -32.5940, -26.0500

Conversions

Conversions Part 2

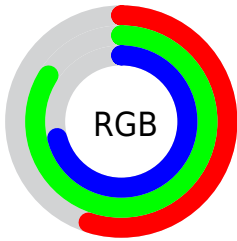
Format	Color
RYB	141, 189, 214
Decimal	9295540
CIELab	80.21, -30.05, 9.63
CIElCh	80, 31.561, 162.226
Yxy	57.0511, 0.2842, 0.3748
Android (android.graphics.Color)	4287485620 (0xFF8DD6B4)
YUV	188.2970, -4.0904, -41.4795
Hunter-Lab	75.5322, -29.9260, 12.1239

Details

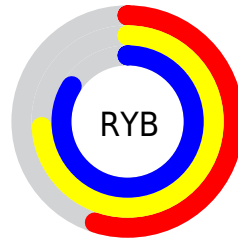
The XYZ color **43.2693, 57.0511, 51.9115** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.9962, 36.4425, 45.2222**, and the grayscale version is **48.0059, 50.5059, 55.0009**.

A 20% lighter version of the original color is **73.9263, 89.4464, 92.7254**, and **20.2534, 28.4033, 24.4936** is the 20% darker color. If you saturate the color by 10%, you get **38.9971, 54.9634, 46.6008**, and if you desaturate by 10%, it is **48.3207, 59.5352, 57.6424**.

Distribution



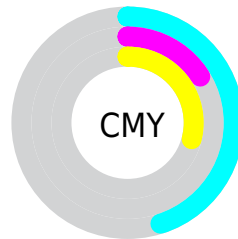
- Red (55%)
- Green (84%)
- Blue (71%)



- Red (55%)
- Yellow (74%)
- Blue (84%)



- Cyan (34%)
- Magenta (0%)
- Yellow (16%)
- Black (16%)





- Cyan (45%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2693, 57.0511, 51.9115 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 43.2693, 57.0511, 51.9115 by changing the saturation by 10% instead.


 43.2693, 57.0511,
51.9115


 43.2693, 57.0511,
51.9115


350.6209,
413.6408, 411.0421

 30.2919, 41.0463,
36.5528


 79.3703, 100.5397,
94.4260

 20.2094, 28.3552,
24.5684


 103.2246,
128.7923, 122.4188

 12.6565, 18.5936,
15.5397


131.4352,
161.8963, 155.4601

 7.2678, 11.3770,
9.0482

164.3675,
200.2361, 193.9683

 3.6780, 6.3210,
4.6754

202.3869,
244.1960, 238.3621

 1.5216, 3.0412,
2.0027

245.8587,

 0.3405, 1.1533,

294.1605, 289.0600

0.5569

295.1482,
350.5140, 346.4805

■ 0.0000, 0.0231,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.2693, 57.0511,
51.9115

■ 43.2693, 57.0511,
51.9115

■ 38.9971, 54.9634,
46.6008

■ 48.3207, 59.5352,
57.6424

■ 35.4573, 53.2434,
41.6964

■ 54.1856, 62.4284,
63.7991

■ 32.6051, 51.8699,
37.1893

■ 60.9016, 65.7517,
70.3922

■ 30.3885, 50.8161,
33.0685

■ 68.5027, 69.5223,
77.4304

■ 28.7475, 50.0513,
29.3223

■ 77.0210, 73.7566,
84.9224

■ 27.6098, 49.5385,
25.9383

■ 80.9873, 75.6350,
92.6192

■ 27.1035, 49.3175,
24.1081

■ 82.5078, 76.2432,
100.6260

■ 83.3376, 76.5752,
104.9959

Harmonies

Analogous

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



46.3231, 57.0511, 39.3881



43.2693, 57.0511, 51.9115



43.0030, 57.0511, 69.9344

Triad

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



43.2693, 57.0511, 51.9115



56.8897, 57.0511, 103.6159



63.9198, 57.0511, 41.2065

Complementary

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



43.2693, 57.0511, 51.9115



44.9962, 36.4425, 45.2222

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.



67.2477, 57.0511, 54.9086



43.2693, 57.0511, 51.9115



62.9788, 57.0511, 92.2486

Square

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



43.2693, 57.0511, 51.9115



50.5331, 57.0511, 102.3716



66.8904, 57.0511, 73.5837



58.0933, 57.0511, 34.1019

Rectangle

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



43.2693, 57.0511, 51.9115



44.4116, 57.0511, 83.0106



66.8904, 57.0511, 73.5837



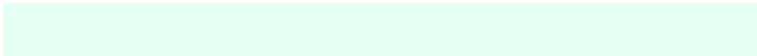
65.3877, 57.0511, 45.0643

Sweetspot

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



43.2709, 57.0534, 51.9128



84.4291, 94.7389, 98.7278



46.5503, 59.1403, 34.1619



17.7746, 20.1313, 20.8373



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.



43.2709, 57.0534, 51.9128



59.5982, 82.5178, 71.3724



46.5593, 57.3907, 72.2446



12.5369, 14.0058, 14.6420



16.4347, 29.8292, 14.8508



1.0329, 1.8158, 1.1150

Inverse Universe

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



44.9962, 36.4425, 45.2222



62.5441, 47.3469, 59.9645



42.4286, 35.9959, 29.9118



12.6615, 12.5161, 14.1579



18.1943, 9.2140, 8.3273



1.1390, 0.5724, 0.7212

Previews

White Background



This preview shows how the XYZ color 43.2693, 57.0511, 51.9115 looks on a white background.

Color Contrast Check

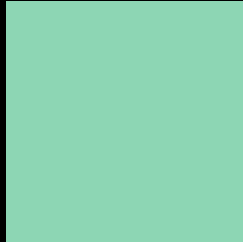
Large Text (above 18pt) WCAG AA × Fail

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 43.2693, 57.0511, 51.9115 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 43.2693, 57.0511, 51.9115

Background



This preview shows how black text looks on a background with the XYZ color 43.2693, 57.0511, 51.9115.

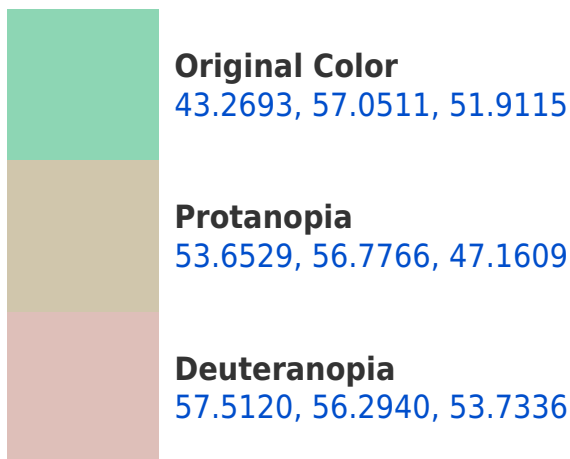


This preview shows how white text looks on a background with the XYZ color 43.2693, 57.0511,

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





Tritanopia

48.7729, 57.0729, 78.9666

Trichromacy



Original Color

43.2693, 57.0511, 51.9115



Protanomaly

49.0979, 56.4712, 48.8697



Deuteranomaly

50.9630, 55.6032, 52.8462



Tritanomaly

46.4644, 56.8503, 68.1988

Monochromacy



Original Color

43.2693, 57.0511, 51.9115



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

45.5178, 52.0932, 53.5549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2693, 57.0511, 51.9115 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(141, 214, 180)` looks like.

```
.text, #text, p{  
    color:rgb(141, 214, 180)  
}
```

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(141, 214, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 214, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.2693, 57.0511, 51.9115 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(141, 214, 180) }
```


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

```
.border{ border-color:rgb(141, 214, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 214, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 214, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 214, 180);  
box-shadow:4px 4px 4px 4px rgb(141, 214,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2693, 57.0511, 51.9115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 214, 180) }
```

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

```
.background{ background-color: rgb(141,  
214, 180) }
```

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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