

Converting Colors

XYZ(42.5957, 59.2704, 44.1309)

Have a look what the booklet for
XYZ(42.5957, 59.2704, 44.1309)
contains.

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Color

**XYZ(42.6106, 59.1851,
44.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	89DCA4
RGB	137, 220, 164
RGB Percent	54%, 86%, 64%
CMY	0.4627, 0.1372, 0.3569
CMYK	0.38, 0.00, 0.25, 0.14
HSL	140°, 54%, 70%
HSV	140°, 38%, 86%
XYZ	42.6106, 59.1851, 44.3000
YIQ	188.7990, -31.4920, -35.0120

Conversions

Conversions Part 2

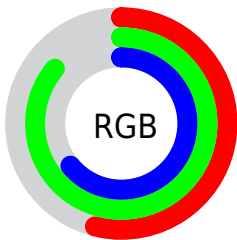
Format	Color
RYB	137, 200, 220
Decimal	9034916
CIELab	81.39, -37.12, 19.72
CIElCh	81, 42.037, 152.022
Yxy	59.1851, 0.2917, 0.4051
Android (android.graphics.Color)	4287224996 (0xFF89DCA4)
YUV	188.7990, -12.2259, -45.4277
Hunter-Lab	76.9319, -35.7641, 19.7111

Details

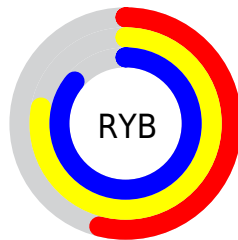
The XYZ color **42.6106, 59.1851, 44.3000** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **48.0885, 36.9586, 55.0537**, and the grayscale version is **48.3367, 50.8540, 55.3800**.

A 20% lighter version of the original color is **70.5385, 87.9719, 80.2803**, and **19.7674, 29.5598, 19.9930** is the 20% darker color. If you saturate the color by 10%, you get **38.1022, 57.0085, 37.4956**, and if you desaturate by 10%, it is **48.0139, 61.8082, 51.9657**.

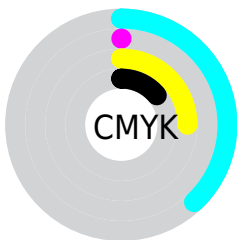
Distribution



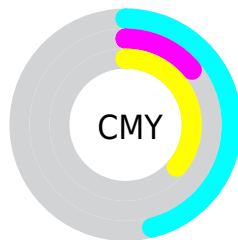
- Red (54%)
- Green (86%)
- Blue (64%)



- Red (54%)
- Yellow (78%)
- Blue (86%)



- Cyan (38%)
- Magenta (0%)
- Yellow (25%)
- Black (14%)





- Cyan (46%)
- Magenta (14%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6106, 59.1851, 44.3000 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 42.6106, 59.1851, 44.3000 by changing the saturation by 10% instead.


 42.6106, 59.1851,
44.3000


 42.6106, 59.1851,
44.3000


347.9566,
421.5875, 380.0082


 29.7729, 42.7621,
30.5675


 78.3823, 103.6466,
82.9763

 19.8135, 29.6985,
20.0140


 102.0470,
132.4540, 108.7571

 12.3670, 19.6099,
12.2211


 130.0514,
166.1583, 139.3911

 7.0681, 12.1118,
6.7701

162.7609,
205.1439, 175.2969

 3.5514, 6.8199,
3.2425

200.5408,
249.7953, 216.8930

 1.4516, 3.3497,
1.2197

243.7565,

 0.2926, 1.3169,

300.4967, 264.5979

0.0000

292.7733,
357.6327, 318.8301

■ 0.0000, 0.1542,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.6106, 59.1851,
44.3000

■ 42.6106, 59.1851,
44.3000

■ 38.1022, 57.0085,
37.4956

■ 48.0139, 61.8082,
51.9657

■ 34.4337, 55.2458,
31.5180

■ 54.3538, 64.8938,
60.5174

■ 31.5510, 53.8715,
26.3366

■ 61.6747, 68.4659,
69.9839

■ 29.3916, 52.8538,
21.9169

■ 70.0170, 72.5448,
80.3913

■ 27.8825, 52.1561,
18.2220

■ 79.4186, 77.1496,
91.7650

■ 26.9248, 51.7280,
15.2111

■ 84.5743, 79.5446,
103.8789

■ 26.7499, 51.6508,
14.6166

■ 84.8843, 79.6686,
105.5114

Harmonies

Analogous

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



47.7604, 59.1851, 31.5023



42.6106, 59.1851, 44.3000



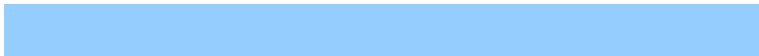
40.9990, 59.1851, 66.1654

Triad

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



42.6106, 59.1851, 44.3000



56.8521, 59.1851, 125.9192



71.8321, 59.1851, 42.0358

Complementary

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



42.6106, 59.1851, 44.3000



48.0885, 36.9586, 55.0537

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.



74.8885, 59.1851, 62.7498



42.6106, 59.1851, 44.3000



65.6985, 59.1851, 114.8011

Square

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



42.6106, 59.1851, 44.3000



48.6925, 59.1851, 117.3290



72.5362, 59.1851, 89.9179



64.5597, 59.1851, 30.4544

Rectangle

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



42.6106, 59.1851, 44.3000



41.9970, 59.1851, 84.3465



72.5362, 59.1851, 89.9179



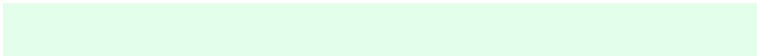
73.4189, 59.1851, 47.9454

Sweetspot

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



42.6122, 59.1876, 44.3013



82.5739, 93.9032, 93.1866



52.2862, 64.4272, 33.3475



17.3711, 19.9512, 19.5552



0.0000, 0.0000, 0.0000



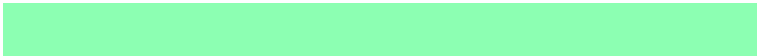
20.3446, 21.4041, 23.3091

Same Dimension

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



42.6122, 59.1876, 44.3013



54.6109, 80.3146, 54.5213



46.9049, 60.9046, 66.9066



13.0603, 14.6757, 14.7803



15.7442, 30.3303, 8.8182



1.0588, 1.9805, 0.7758

Inverse Universe

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



48.0885, 36.9586, 55.0537



63.2667, 45.1341, 71.4825



44.1479, 35.3824, 34.3025



13.4248, 13.1990, 15.4985



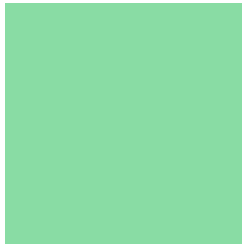
20.5327, 10.2141, 17.7172



1.3691, 0.6773, 1.3528

Previews

White Background



This preview shows how the XYZ color 42.6106, 59.1851, 44.3000 looks on a white background.

Color Contrast Check

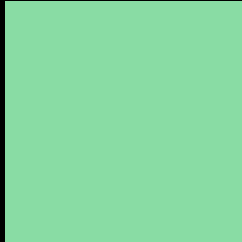
Large Text (above 18pt) WCAG AA × Fail

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 42.6106, 59.1851, 44.3000 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 42.6106, 59.1851, 44.3000

Background



This preview shows how black text looks on a background with the XYZ color 42.6106, 59.1851, 44.3000.



This preview shows how white text looks on a background with the XYZ color 42.6106, 59.1851,

44.3000.

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

42.6106, 59.1851, 44.3000

Protanopia

54.8274, 58.5869, 39.4290

Deuteranopia

59.8262, 58.6417, 46.1960



Tritanopia

50.3096, 59.2677, 82.1870

Trichromacy



Original Color

42.6106, 59.1851, 44.3000



Protanomaly

49.2209, 58.1452, 40.9767



Deuteranomaly

51.4498, 57.4093, 45.4152



Tritanomaly

47.1739, 59.1196, 66.6825

Monochromacy



Original Color

42.6106, 59.1851, 44.3000



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.4701, 53.1499, 51.0424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6106, 59.1851, 44.3000 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(137, 220, 164)` looks like.

```
.text, #text, p{  
    color:rgb(137, 220, 164)  
}
```

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(137, 220, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 220, 164) }
```

Border

The CSS property to change the border of an element to XYZ 42.6106, 59.1851, 44.3000 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(137, 220, 164) }
```


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

```
.border{ border-color:rgb(137, 220, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 220, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 220, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 220, 164);  
box-shadow:4px 4px 4px 4px rgb(137, 220,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6106, 59.1851, 44.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 220, 164) }
```

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

```
.background{ background-color: rgb(137,  
220, 164) }
```

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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