

Converting Colors

XYZ(43.6513, 59.8606, 38.3179)

Have a look what the booklet for
XYZ(43.6513, 59.8606, 38.3179)
contains.

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Color

**XYZ(43.6759, 59.8724,
38.1087)**

Conversions

Conversions Part 1

Format	Color
Hex	96DC96
RGB	150, 220, 150
RGB Percent	59%, 86%, 59%
CMY	0.4118, 0.1372, 0.4118
CMYK	0.32, 0.00, 0.32, 0.14
HSL	120°, 50%, 73%
HSV	120°, 32%, 86%
XYZ	43.6759, 59.8724, 38.1087
YIQ	191.0900, -19.2500, -36.6100

Conversions

Conversions Part 2

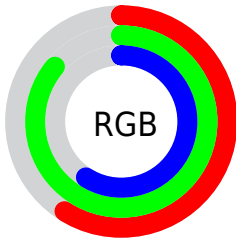
Format	Color
RYB	150, 220, 220
Decimal	9886870
CIELab	81.77, -35.58, 27.62
CIELCh	82, 45.043, 142.177
Yxy	59.8724, 0.3083, 0.4227
Android (android.graphics.Color)	4288076950 (0xFF96DC96)
YUV	191.0900, -20.2574, -36.0359
Hunter-Lab	77.3773, -34.6552, 24.9634

Details

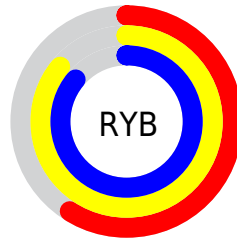
The XYZ color **43.6759, 59.8724, 38.1087** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53.3418, 42.1969, 73.0460**, and the grayscale version is **49.6966, 52.2847, 56.9380**.

A 20% lighter version of the original color is **72.2330, 89.0496, 71.1388**, and **20.5311, 30.2979, 16.5704** is the 20% darker color. If you saturate the color by 10%, you get **38.3930, 57.3365, 29.4663**, and if you desaturate by 10%, it is **50.0546, 62.9382, 48.5410**.

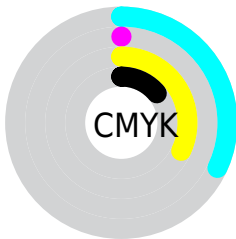
Distribution



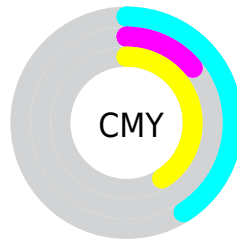
- Red (59%)
- Green (86%)
- Blue (59%)



- Red (59%)
- Yellow (86%)
- Blue (86%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (14%)





- Cyan (41%)
- Magenta (14%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6759, 59.8724, 38.1087 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 43.6759, 59.8724, 38.1087 by changing the saturation by 10% instead.


 43.6759, 59.8724,
38.1087

 43.6759, 59.8724,
38.1087


352.2587,
424.1273, 353.3982

 30.6126, 43.3158,
25.7646


 79.9792, 104.6445,
73.4800

 20.4544, 30.1330,
16.4234


 103.9499,
133.6289, 97.3442

 12.8360, 19.9395,
9.6667


132.2872,
167.5246, 125.8856

 7.3919, 12.3511,
5.0758

165.3563,
206.7160, 159.5226

 3.7569, 6.9833,
2.2323

203.5226,
251.5876, 198.6739

 1.5655, 3.4516,
0.6929

247.1516,

 0.3698, 1.3718,

302.5238, 243.7578

0.0000

296.6085,
359.9089, 295.1931

■ 0.0000, 0.1958,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6759, 59.8724,
38.1087

■ 43.6759, 59.8724,
38.1087

■ 38.3930, 57.3365,
29.4663

■ 50.0546, 62.9382,
48.5410

■ 34.1399, 55.2935,
22.5095

■ 57.5809, 66.5535,
60.8516

■ 30.8508, 53.7136,
17.1296

■ 66.3090, 70.7460,
75.1280

■ 28.4505, 52.5606,
13.2034

■ 76.2883, 75.5396,
91.4508

■ 26.8524, 51.7930,
10.5894

■ 84.8844, 79.6687,
105.5115

■ 25.9530, 51.3610,
9.1181

■ 25.5944, 51.1887,
8.5315

Harmonies

Analogous

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



50.2933, 59.8724, 27.7847



43.6759, 59.8724, 38.1087



40.6761, 59.8724, 58.3333

Triad

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



43.6759, 59.8724, 38.1087



54.4592, 59.8724, 131.8782



75.5320, 59.8724, 47.3875

Complementary

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



43.6759, 59.8724, 38.1087



53.3418, 42.1969, 73.0460

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.



76.9662, 59.8724, 72.5659



43.6759, 59.8724, 38.1087



64.0763, 59.8724, 126.5459

Square

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



43.6759, 59.8724, 38.1087



46.4346, 59.8724, 115.7966



72.5718, 59.8724, 102.7753



68.8461, 59.8724, 32.0111

Rectangle

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



43.6759, 59.8724, 38.1087



40.8688, 59.8724, 76.8469



72.5718, 59.8724, 102.7753



76.6721, 59.8724, 54.7774

Sweetspot

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



43.6774, 59.8749, 38.1100



82.4457, 93.9455, 88.2835



60.6160, 68.6071, 38.9024



17.2975, 19.9404, 18.3250



0.0000, 0.0000, 0.0000



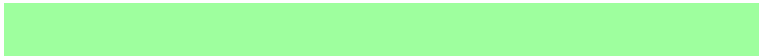
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6774, 59.8749, 38.1100



56.0605, 81.2714, 45.1257



46.9295, 61.1758, 55.2351



12.8866, 14.6063, 13.8657



15.0204, 30.0408, 5.0069



0.9731, 1.9462, 0.3244

Inverse Universe

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



53.3418, 42.1969, 73.0460



71.5337, 52.9678, 101.0602



49.1803, 40.5323, 51.1319



13.6144, 13.2749, 16.4968



24.9036, 11.9625, 40.7337



1.6134, 0.7750, 2.6389

Previews

White Background



This preview shows how the XYZ color 43.6759, 59.8724, 38.1087 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 43.6759, 59.8724, 38.1087 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 43.6759, 59.8724, 38.1087

Background



This preview shows how black text looks on a background with the XYZ color 43.6759, 59.8724, 38.1087.

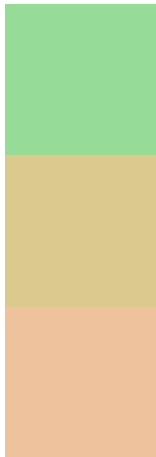


This preview shows how white text looks on a background with the XYZ color 43.6759, 59.8724,

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

43.6759, 59.8724, 38.1087

Protanopia

54.9165, 59.0995, 34.1041

Deuteranopia

60.5524, 59.1610, 39.6802



Tritanopia

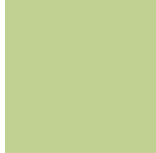
52.2216, 59.5318, 81.4115

Trichromacy



Original Color

43.6759, 59.8724, 38.1087



Protanomaly

49.9036, 58.9827, 35.5427



Deuteranomaly

52.6423, 58.1668, 39.0246



Tritanomaly

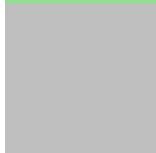
48.6534, 59.5876, 62.9701

Monochromacy



Original Color

43.6759, 59.8724, 38.1087



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

46.8615, 54.6058, 49.1444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6759, 59.8724, 38.1087 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(150, 220, 150)` looks like.

```
.text, #text, p{  
    color:rgb(150, 220, 150)  
}
```

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(150, 220, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 220, 150) }
```

Border

The CSS property to change the border of an element to XYZ 43.6759, 59.8724, 38.1087 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(150, 220, 150) }
```


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

```
.border{ border-color:rgb(150, 220, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 220, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 220, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 220, 150);  
box-shadow:4px 4px 4px 4px rgb(150, 220,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6759, 59.8724, 38.1087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 220, 150) }
```

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

```
.background{ background-color: rgb(150,  
220, 150) }
```

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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