

Converting Colors

XYZ(43.1449, 61.7239, 41.2807)

Have a look what the booklet for
XYZ(43.1449, 61.7239, 41.2807)
contains.

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Color

**XYZ(43.1888, 61.9439,
41.1326)**

Conversions

Conversions Part 1

Format	Color
Hex	87E29C
RGB	135, 226, 156
RGB Percent	53%, 89%, 61%
CMY	0.4706, 0.1137, 0.3882
CMYK	0.40, 0.00, 0.31, 0.11
HSL	134°, 61%, 71%
HSV	134°, 40%, 89%
XYZ	43.1888, 61.9439, 41.1326
YIQ	190.8110, -31.7660, -41.0620

Conversions

Conversions Part 2

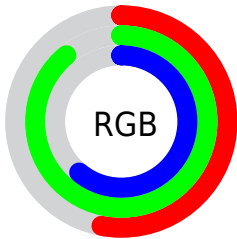
Format	Color
RYB	135, 209, 226
Decimal	8905372
CIELab	82.88, -41.82, 25.91
CIELCh	83, 49.200, 148.222
Yxy	61.9439, 0.2953, 0.4235
Android (android.graphics.Color)	4287095452 (0xFF87E29C)
YUV	190.8110, -17.1618, -48.9462
Hunter-Lab	78.7044, -39.7815, 24.1069

Details

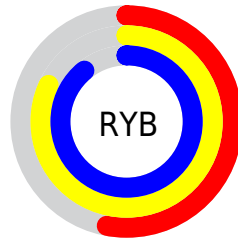
The XYZ color **43.1888, 61.9439, 41.1326** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **51.0495, 37.9058, 62.3859**, and the grayscale version is **49.5225, 52.1016, 56.7386**.

A 20% lighter version of the original color is **69.0037, 87.2995, 74.8416**, and **20.1817, 31.4544, 18.1043** is the 20% darker color. If you saturate the color by 10%, you get **38.5631, 59.7191, 33.7742**, and if you desaturate by 10%, it is **48.8003, 64.6560, 49.6397**.

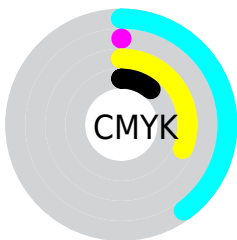
Distribution



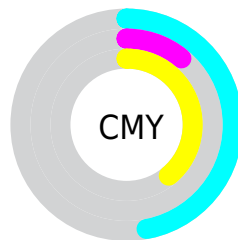
- Red (53%)
- Green (89%)
- Blue (61%)



- Red (53%)
- Yellow (82%)
- Blue (89%)



- Cyan (40%)
- Magenta (0%)
- Yellow (31%)
- Black (11%)





- Cyan (47%)
- Magenta (11%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1888, 61.9439, 41.1326 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 43.1888, 61.9439, 41.1326 by changing the saturation by 10% instead.


 43.1888, 61.9439,
41.1326


 43.1888, 61.9439,
41.1326


350.2960,
431.7264, 366.5675


 30.2284, 44.9874,
28.1022


 79.2496, 107.6444,
78.1410

 20.1610, 31.4475,
18.1630


 103.0808,
137.1573, 102.9561

 12.6211, 20.9398,
10.8964


 131.2663,
171.6243, 132.5365

 7.2433, 13.0800,
5.8839

164.1715,
211.4299, 167.3009

 3.6624, 7.4837,
2.7070

202.1617,
256.9585, 207.6676

 1.5130, 3.7664,
0.9469

245.6023,

 0.3346, 1.5438,

308.5946, 254.0552

0.0000

294.8586,
366.7224, 306.8824

■ 0.0000, 0.3192,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.1888, 61.9439,
41.1326

■ 43.1888, 61.9439,
41.1326

■ 38.5631, 59.7191,
33.7742

■ 48.8003, 64.6560,
49.6397

■ 34.8601, 57.9449,
27.5111


■ 55.4460, 67.8743,
59.3376


■ 32.0170, 56.5918,
22.2920


■ 63.1770, 71.6257,
70.2713

■ 29.9606, 55.6233,
18.0594

■ 72.0395, 75.9334,
82.4822

 28.6050, 54.9963,
14.7506

 82.0769, 80.8189,
96.0099

 27.8209, 54.6444,
12.3483

 86.4875, 82.8751,
106.0458

Harmonies

Analogous

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



49.7510, 61.9439, 27.9703



43.1888, 61.9439, 41.1326



40.7580, 61.9439, 65.6510

Triad

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



43.1888, 61.9439, 41.1326



58.2456, 61.9439, 144.2621



78.7296, 61.9439, 43.4305

Complementary

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



43.1888, 61.9439, 41.1326



51.0495, 37.9058, 62.3859

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.



81.6961, 61.9439, 69.2742



43.1888, 61.9439, 41.1326



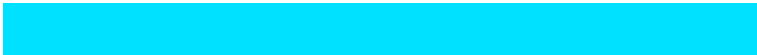
69.0532, 61.9439, 133.0870

Square

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



43.1888, 61.9439, 41.1326



48.7782, 61.9439, 130.2574



77.9644, 61.9439, 103.1066



70.2789, 61.9439, 28.9898

Rectangle

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



43.1888, 61.9439, 41.1326



41.5556, 61.9439, 87.4027



77.9644, 61.9439, 103.1066



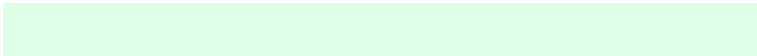
80.4428, 61.9439, 50.7855

Sweetspot

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



43.1904, 61.9465, 41.1340



81.1137, 93.2269, 89.6630



57.1042, 69.3073, 33.2902



17.0652, 19.8105, 18.7752



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.



43.1904, 61.9465, 41.1340



51.7893, 79.0418, 46.1742



47.6406, 63.7265, 64.5682



13.6577, 15.3888, 15.2328



15.9089, 31.1884, 7.2432



1.1369, 2.1755, 0.6821

Inverse Universe

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



51.0495, 37.9058, 62.3859



63.4040, 43.4582, 77.5415



46.4437, 36.0635, 38.1323



14.1526, 13.8787, 16.5739



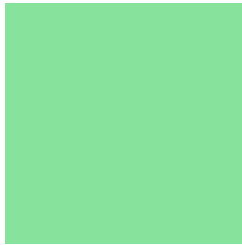
22.2908, 10.9833, 23.9948



1.5784, 0.7746, 1.8388

Previews

White Background



This preview shows how the XYZ color 43.1888, 61.9439, 41.1326 looks on a white background.

Color Contrast Check

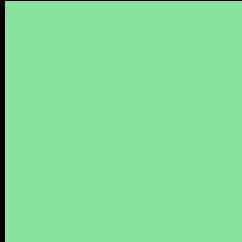
Large Text (above 18pt) WCAG AA × Fail

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 43.1888, 61.9439, 41.1326 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

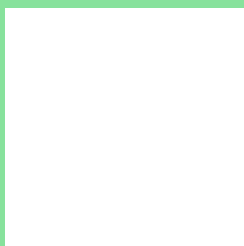
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1888, 61.9439, 41.1326

Background



This preview shows how black text looks on a background with the XYZ color 43.1888, 61.9439, 41.1326.

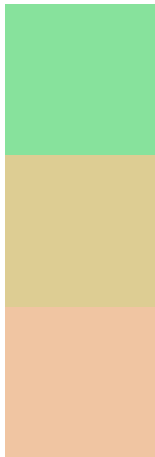


This preview shows how white text looks on a background with the XYZ color 43.1888, 61.9439,

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**

43.1888, 61.9439, 41.1326

Protanopia

56.9166, 61.1414, 36.4054

Deuteranopia

62.4230, 61.0664, 42.6794



Tritanopia

52.3560, 61.7276, 86.9971

Trichromacy



Original Color

43.1888, 61.9439, 41.1326



Protanomaly

50.5345, 60.7377, 37.9143



Deuteranomaly

53.2582, 60.2064, 42.0717



Tritanomaly

48.5878, 61.7536, 67.7513

Monochromacy



Original Color

43.1888, 61.9439, 41.1326



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

46.4233, 55.0580, 50.3000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1888, 61.9439, 41.1326 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(135, 226, 156)` looks like.

```
.text, #text, p{  
    color:rgb(135, 226, 156)  
}
```

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(135, 226, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 226, 156) }
```

Border

The CSS property to change the border of an element to XYZ 43.1888, 61.9439, 41.1326 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(135, 226, 156) }
```


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

```
.border{ border-color:rgb(135, 226, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 226, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 226, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 226, 156); box-shadow:4px 4px 4px 4px rgb(135, 226, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1888, 61.9439, 41.1326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 226, 156) }
```

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

```
.background{ background-color: rgb(135,  
226, 156) }
```

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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