

Converting Colors

XYZ(43.4979, 61.7306, 39.7937)

Have a look what the booklet for
XYZ(43.4979, 61.7306, 39.7937)
contains.

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Color

**XYZ(43.4902, 61.7258,
39.7591)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE199
RGB	140, 225, 153
RGB Percent	55%, 88%, 60%
CMY	0.4510, 0.1176, 0.4000
CMYK	0.38, 0.00, 0.32, 0.12
HSL	129°, 59%, 72%
HSV	129°, 38%, 88%
XYZ	43.4902, 61.7258, 39.7591
YIQ	191.3770, -27.5480, -40.4120

Conversions

Conversions Part 2

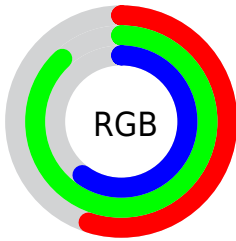
Format	Color
RYB	140, 214, 225
Decimal	9232793
CIELab	82.77, -40.43, 27.34
CIELCh	83, 48.806, 145.936
Yxy	61.7258, 0.3000, 0.4258
Android (android.graphics.Color)	4287422873 (0xFF8CE199)
YUV	191.3770, -18.9199, -45.0576
Hunter-Lab	78.5658, -38.6812, 24.9917

Details

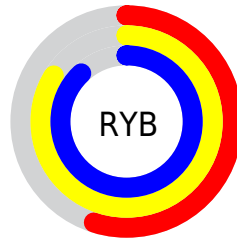
The XYZ color **43.4902, 61.7258, 39.7591** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **52.3151, 39.5184, 67.1601**, and the grayscale version is **49.8594, 52.4560, 57.1246**.

A 20% lighter version of the original color is **69.9101, 87.8098, 72.9388**, and **20.2832, 31.2468, 17.2741** is the 20% darker color. If you saturate the color by 10%, you get **38.6291, 59.3892, 31.9608**, and if you desaturate by 10%, it is **49.3811, 64.5678, 48.9208**.

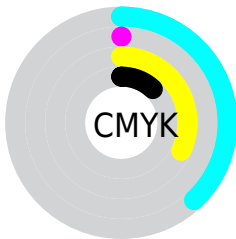
Distribution



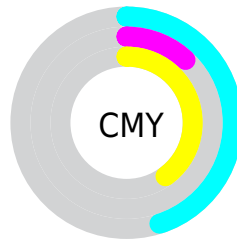
- Red (55%)
- Green (88%)
- Blue (60%)



- Red (55%)
- Yellow (84%)
- Blue (88%)



- Cyan (38%)
- Magenta (0%)
- Yellow (32%)
- Black (12%)



- Cyan (45%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4902, 61.7258, 39.7591 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 43.4902, 61.7258, 39.7591 by changing the saturation by 10% instead.

■ 43.4902, 61.7258,
39.7591

■ 43.4902, 61.7258,
39.7591

351.5113,
430.9302, 360.6290

■ 30.4661, 44.8112,
27.0384

■ 79.7012, 107.3291,
76.0296

■ 20.3425, 31.3087,
17.3694

■ 103.6188,
136.7866, 100.4165

■ 12.7539, 20.8340,
10.3335

131.8983,
171.1939, 129.5292

■ 7.3352, 13.0027,
5.5121

164.9050,
210.9353, 163.7863

■ 3.7208, 7.4304,
2.4868

203.0043,
256.3952, 203.6063

■ 1.5454, 3.7327,
0.8332

246.5615,

■ 0.3564, 1.5252,

307.9581, 249.4077

0.0000

295.9421,
366.0083, 301.6091

0.0000, 0.3064,
0.0000

0.0000, 0.0000,
0.0000

43.4902, 61.7258,
39.7591

43.4902, 61.7258,
39.7591

38.6291, 59.3892,
31.9608

49.3811, 64.5678,
48.9208

34.7336, 57.5209,
25.4567

56.3517, 67.9343,
59.5023

31.7396, 56.0912,
20.1780

64.4544, 71.8528,
71.5619

29.5731, 55.0635,
16.0476

73.7367, 76.3468,
85.1535

■ 28.1480, 54.3952,
12.9798

■ 84.2434, 81.4382,
100.3282

■ 27.3494, 54.0293,
10.8762

■ 86.2164, 82.3328,
105.9555

■ 27.2212, 53.9707,
10.5276

Harmonies

Analogous

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



50.2785, 61.7258, 27.4848



43.4902, 61.7258, 39.7591



40.7553, 61.7258, 63.1962

Triad

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



43.4902, 61.7258, 39.7591



57.2501, 61.7258, 142.9010



78.7491, 61.7258, 44.9702

Complementary

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



43.4902, 61.7258, 39.7591



52.3151, 39.5184, 67.1601

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.



81.1850, 61.7258, 71.3880



43.4902, 61.7258, 39.7591



67.9436, 61.7258, 133.7213

Square

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



43.4902, 61.7258, 39.7591



48.0768, 61.7258, 127.3469



77.0219, 61.7258, 105.0510



70.7117, 61.7258, 29.8035

Rectangle

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



43.4902, 61.7258, 39.7591



41.3264, 61.7258, 84.3567



77.0219, 61.7258, 105.0510



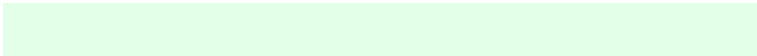
80.2883, 61.7258, 52.5582

Sweetspot

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



43.4918, 61.7284, 39.7605



81.8805, 93.6259, 89.5353



58.8848, 69.7812, 35.1770



17.2068, 19.8855, 18.6903



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.



43.4918, 61.7284, 39.7605



52.7718, 79.5790, 44.8368



47.6208, 63.3800, 61.5037



13.6138, 15.3713, 15.0016



15.7123, 31.1098, 6.2082



1.1160, 2.1671, 0.5723

Inverse Universe

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



52.3151, 39.5184, 67.1601



66.0065, 46.2300, 85.9097



47.6633, 37.6577, 42.6640



14.2002, 13.8977, 16.8245



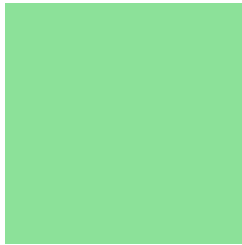
23.3211, 11.3954, 29.4204



1.6412, 0.7997, 2.1693

Previews

White Background



This preview shows how the XYZ color 43.4902, 61.7258, 39.7591 looks on a white background.

Color Contrast Check

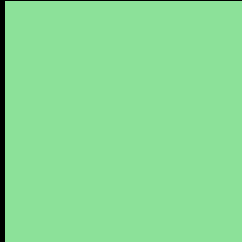
Large Text (above 18pt) WCAG AA × Fail

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 43.4902, 61.7258, 39.7591 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

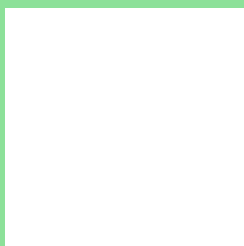
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4902, 61.7258, 39.7591

Background



This preview shows how black text looks on a background with the XYZ color 43.4902, 61.7258, 39.7591.



This preview shows how white text looks on a background with the XYZ color 43.4902, 61.7258,

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

43.4902, 61.7258, 39.7591

Protanopia

56.6842, 61.0484, 35.1815

Deuteranopia

62.1594, 60.9610, 41.2914



Tritanopia

52.5762, 61.4950, 85.4426

Trichromacy



Original Color

43.4902, 61.7258, 39.7591



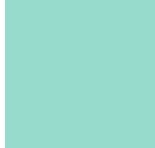
Protanomaly

50.5482, 60.4000, 36.5980



Deuteranomaly

53.3005, 59.8973, 40.6504



Tritanomaly

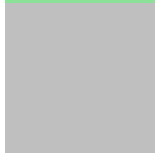
48.6887, 61.4589, 65.7965

Monochromacy



Original Color

43.4902, 61.7258, 39.7591



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

46.3050, 54.6569, 49.7043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4902, 61.7258, 39.7591 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(140, 225, 153)` looks like.

```
.text, #text, p{  
    color:rgb(140, 225, 153)  
}
```

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(140, 225, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 225, 153) }
```

Border

The CSS property to change the border of an element to XYZ 43.4902, 61.7258, 39.7591 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(140, 225, 153) }
```


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

```
.border{ border-color:rgb(140, 225, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 225, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 225, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 225, 153);  
box-shadow:4px 4px 4px 4px rgb(140, 225,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4902, 61.7258, 39.7591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 225, 153) }
```

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

```
.background{ background-color: rgb(140,  
225, 153) }
```

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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