

Converting Colors

XYZ(39.2697, 51.1986, 25.9017)

Have a look what the booklet for
XYZ(39.2697, 51.1986, 25.9017)
contains.

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Color

**XYZ(39.2697, 51.1986,
25.9017)**

Conversions

Conversions Part 1

Format	Color
Hex	A1CA79
RGB	161, 202, 121
RGB Percent	63%, 79%, 47%
CMY	0.3686, 0.2078, 0.5255
CMYK	0.20, 0.00, 0.40, 0.21
HSL	90°, 43%, 63%
HSV	90°, 40%, 79%
XYZ	39.2697, 51.1986, 25.9017
YIQ	180.5070, 1.5650, -33.8830

Conversions

Conversions Part 2

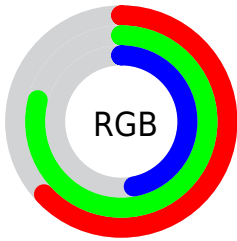
Format	Color
RYB	121, 202, 162
Decimal	10603129
CIELab	76.80, -27.60, 36.08
CIELCh	77, 45.420, 127.415
Yxy	51.1986, 0.3375, 0.4400
Android (android.graphics.Color)	4288793209 (0xFFA1CA79)
YUV	180.5070, -29.3370, -17.1076
Hunter-Lab	71.5532, -27.2540, 28.6247

Details

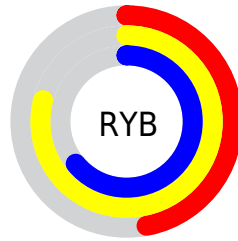
The XYZ color **39.2697, 51.1986, 25.9017** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **32.4004, 25.6218, 59.1177**, and the grayscale version is **43.8087, 46.0901, 50.1921**.

A 20% lighter version of the original color is **72.0153, 89.3277, 53.4908**, and **17.9116, 24.8229, 9.8085** is the 20% darker color. If you saturate the color by 10%, you get **36.1816, 49.7367, 19.9542**, and if you desaturate by 10%, it is **42.7883, 52.8557, 33.2254**.

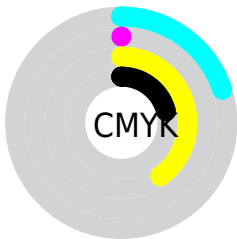
Distribution



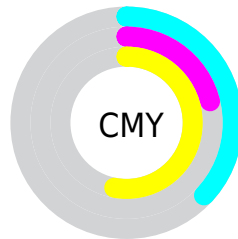
- Red (63%)
- Green (79%)
- Blue (47%)



- Red (47%)
- Yellow (79%)
- Blue (64%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)
- Black (21%)



- Cyan (37%)
- Magenta (21%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2697, 51.1986, 25.9017 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 39.2697, 51.1986, 25.9017 by changing the saturation by 10% instead.

■ 39.2697, 51.1986,
25.9017

■ 39.2697, 51.1986,
25.9017

334.2232,
391.3349, 295.8893

■ 27.1513, 36.3667,
16.5250

■ 73.3416, 91.9483,
54.0985

■ 17.8240, 24.7175,
9.7381

■ 96.0257, 118.6348,
73.7556

■ 10.9227, 15.8667,
5.1223

■ 122.9625,
150.0417, 97.6767

■ 6.0818, 9.4299,
2.2592

154.5173,
186.5533, 126.2801

■ 2.9360, 5.0226,
0.7082

191.0554,
228.5540, 159.9846

■ 1.1200, 2.2605,
0.0000

232.9422,

■ 0.0418, 0.7527,

276.4283, 199.2086

0.0000

280.5430,
330.5604, 244.3707

■ 0.0000, 0.0000,
0.0000

■ 39.2697, 51.1986,
25.9017

■ 39.2697, 51.1986,
25.9017

■ 36.1816, 49.7367,
19.9542

■ 42.7883, 52.8557,
33.2254

■ 33.4999, 48.4546,
15.2935

■ 46.7524, 54.7091,
42.0007

■ 31.2035, 47.3452,
11.8247


■ 51.1808, 56.7686,
52.3014


■ 29.2674, 46.3978,
9.4385


■ 56.0899, 59.0412,
64.1953


■ 27.6624, 45.6005,
8.0056


■ 61.4955, 61.5335,
77.7463

 26.3493, 44.9382,
7.2852

 67.4122, 64.2519,
93.0147

 72.6388, 66.7162,
103.6568

 76.0666, 68.4833,
103.8172

 79.6909, 70.3516,
103.9868

Harmonies

Analogous

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



46.5547, 51.1986, 20.6771



39.2697, 51.1986, 25.9017



34.9055, 51.1986, 39.4288

Triad

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



39.2697, 51.1986, 25.9017



42.5697, 51.1986, 112.0745



67.0217, 51.1986, 49.8416

Complementary

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



39.2697, 51.1986, 25.9017



32.4004, 25.6218, 59.1177

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.



65.6293, 51.1986, 76.0402



39.2697, 51.1986, 25.9017



50.8335, 51.1986, 117.3217

Square

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



39.2697, 51.1986, 25.9017



36.6480, 51.1986, 89.8530



59.4455, 51.1986, 102.5957



63.0525, 51.1986, 31.5905

Rectangle

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



39.2697, 51.1986, 25.9017



33.9100, 51.1986, 53.6324



59.4455, 51.1986, 102.5957



67.1726, 51.1986, 57.9156

Sweetspot

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



39.2710, 51.2008, 25.9028



85.0379, 95.3632, 84.7307



40.6427, 39.6037, 23.5920



17.9840, 20.3105, 17.6246



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.



39.2710, 51.2008, 25.9028



61.9687, 84.5452, 35.0984



32.4584, 47.6888, 25.5840



11.5868, 12.8044, 11.9402



17.0571, 28.9686, 4.6925



0.9675, 1.5396, 0.2462

Inverse Universe

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



32.4004, 25.6218, 59.1177



48.7749, 35.4293, 98.8756



41.8572, 30.4969, 59.5603



11.1340, 11.1184, 14.1296



10.5076, 4.6244, 36.2951



0.6296, 0.2837, 1.8765

Previews

White Background



This preview shows how the XYZ color 39.2697, 51.1986, 25.9017 looks on a white background.

Color Contrast Check

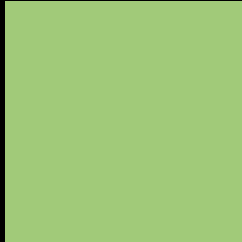
Large Text (above 18pt) WCAG AA × Fail

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 39.2697, 51.1986, 25.9017 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 39.2697, 51.1986, 25.9017

Background



This preview shows how black text looks on a background with the XYZ color 39.2697, 51.1986, 25.9017.



This preview shows how white text looks on a background with the XYZ color 39.2697, 51.1986,

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

39.2697, 51.1986, 25.9017

Protanopia

46.8036, 50.7780, 23.8573

Deuteranopia

51.9683, 50.8850, 26.8214



Tritanopia

47.5677, 51.2029, 66.4076

Trichromacy



Original Color

39.2697, 51.1986, 25.9017

Protanomaly

43.7970, 50.8387, 24.6440

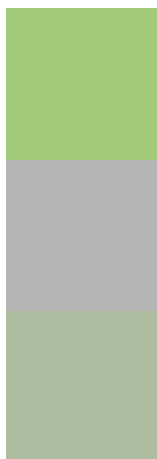
Deuteranomaly

46.4643, 50.5469, 26.3764

Tritanomaly

43.9386, 51.0495, 48.6120

Monochromacy



Original Color

39.2697, 51.1986, 25.9017

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

41.9112, 47.8971, 39.8370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2697, 51.1986, 25.9017 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(161, 202, 121)` looks like.

```
.text, #text, p{  
    color:rgb(161, 202, 121)  
}
```

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(161, 202, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 202, 121) }
```

Border

The CSS property to change the border of an element to XYZ 39.2697, 51.1986, 25.9017 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(161, 202, 121) }
```


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

```
.border{ border-color:rgb(161, 202, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 202, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 202, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 202, 121);  
box-shadow:4px 4px 4px 4px rgb(161, 202,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2697, 51.1986, 25.9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 202, 121) }
```

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

```
.background{ background-color: rgb(161,  
202, 121) }
```

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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