

Converting Colors

XYZ(55.4854, 73.3067, 23.0617)

Have a look what the booklet for
XYZ(55.4854, 73.3067, 23.0617)
contains.

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Color

**XYZ(55.5623, 73.3395,
23.0319)**

Conversions

Conversions Part 1

Format	Color
Hex	C5ED63
RGB	197, 237, 99
RGB Percent	77%, 93%, 39%
CMY	0.2275, 0.0706, 0.6117
CMYK	0.17, 0.00, 0.58, 0.07
HSL	77°, 79%, 66%
HSV	77°, 58%, 93%
XYZ	55.5623, 73.3395, 23.0319
YIQ	209.3080, 20.4580, -51.3980

Conversions

Conversions Part 2

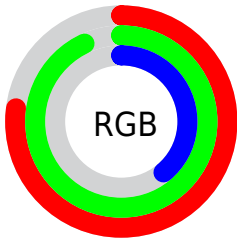
Format	Color
RYB	99, 237, 139
Decimal	12971363
CIELab	88.61, -32.83, 61.19
CIELCh	89, 69.445, 118.214
Yxy	73.3395, 0.3657, 0.4827
Android (android.graphics.Color)	4291161443 (0xFFC5ED63)
YUV	209.3080, -54.3818, -10.7941
Hunter-Lab	85.6385, -34.0564, 44.0013

Details

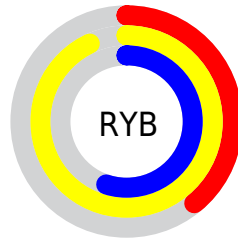
The XYZ color **55.5623, 73.3395, 23.0319** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **30.3982, 20.5290, 82.4853**, and the grayscale version is **61.1421, 64.3263, 70.0513**.

A 20% lighter version of the original color is **82.8327, 95.1131, 44.5648**, and **27.7751, 38.7976, 8.3103** is the 20% darker color. If you saturate the color by 10%, you get **52.8337, 72.0475, 17.8332**, and if you desaturate by 10%, it is **58.7088, 74.8133, 29.9882**.

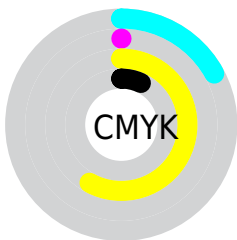
Distribution



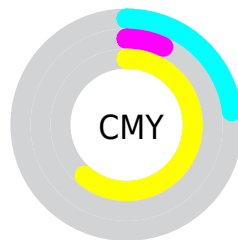
- Red (77%)
- Green (93%)
- Blue (39%)



- Red (39%)
- Yellow (93%)
- Blue (55%)



- Cyan (17%)
- Magenta (0%)
- Yellow (58%)
- Black (7%)




- Cyan (23%)
- Magenta (7%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5623, 73.3395, 23.0319 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 55.5623, 73.3395, 23.0319 by changing the saturation by 10% instead.


 55.5623, 73.3395,
23.0319


 55.5623, 73.3395,
23.0319


398.1417,
472.1906, 281.0160


 40.0877, 54.2536,
14.4115


 97.5079, 123.9591,
49.3696


 27.7915, 38.8045,
8.2654


 124.7095,
156.2615, 67.9239

 18.3082, 26.6076,
4.1751


 156.5510,
193.7383, 90.6267

 11.2725, 17.2788,
1.7219

 193.3975,
236.7738, 117.8965

 6.3191, 10.4334,
0.3757

235.6145,
285.7523, 150.1518

 3.0825, 5.6873,
0.0000

283.5673,

 1.1976, 2.6559,

341.0584, 187.8111

0.0000

337.6212,
403.0764, 231.2930

0.1044, 0.9548,
0.0000

0.0000, 0.0000,
0.0000

55.5623, 73.3395,
23.0319

55.5623, 73.3395,
23.0319

52.8337, 72.0475,
17.8332

58.7088, 74.8133,
29.9882

50.4867, 70.9149,
14.2292


62.2955, 76.4702,
38.8366


48.4866, 69.9303,
12.0349


66.3489, 78.3235,
49.7037


46.7822, 69.0731,
10.9874

70.8918, 80.3824,
62.7039


 46.4980, 68.9293,
10.8540

 75.9453, 82.6554,
77.9432

 81.5290, 85.1507,
95.5203

 86.0248, 87.2210,
106.9091

 88.4679, 88.4804,
107.0234

 89.5758, 89.0515,
107.0753

Harmonies

Analogous

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



70.7159, 73.3395, 18.5885



55.5623, 73.3395, 23.0319



45.7576, 73.3395, 40.4546

Triad

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



55.5623, 73.3395, 23.0319



54.0806, 73.3395, 186.7208



107.1089, 73.3395, 82.7644

Complementary

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



55.5623, 73.3395, 23.0319



30.3982, 20.5290, 82.4853

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.



100.8245, 73.3395, 138.9631



55.5623, 73.3395, 23.0319



68.7077, 73.3395, 212.0826

Square

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



55.5623, 73.3395, 23.0319



45.0034, 73.3395, 131.8811



86.0690, 73.3395, 191.8326



102.1141, 73.3395, 43.7030

Rectangle

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



55.5623, 73.3395, 23.0319



42.6930, 73.3395, 62.4558



86.0690, 73.3395, 191.8326



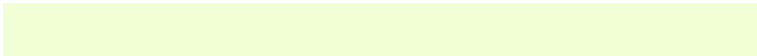
106.2279, 73.3395, 100.2164

Sweetspot

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



55.5640, 73.3428, 23.0335



84.3664, 95.2098, 75.9869



46.2827, 37.1134, 16.5297



17.8131, 20.2683, 15.5437



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.



55.5640, 73.3428, 23.0335



61.7799, 84.7810, 20.0372



41.5768, 66.1321, 22.3789



15.9019, 17.3950, 16.0382



25.5214, 37.7012, 5.9319



2.0986, 3.0092, 0.4702

Inverse Universe

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



30.3982, 20.5290, 82.4853



29.6081, 17.0663, 96.3414



45.5106, 28.3198, 83.1925



14.6414, 14.7604, 18.9996



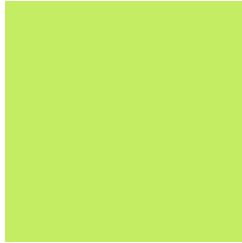
9.7869, 4.0813, 44.0149



0.8610, 0.3681, 3.4606

Previews

White Background



This preview shows how the XYZ color 55.5623, 73.3395, 23.0319 looks on a white background.

Color Contrast Check

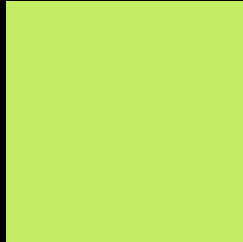
Large Text (above 18pt) WCAG AA × Fail

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 55.5623, 73.3395, 23.0319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

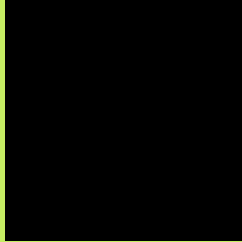
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5623, 73.3395, 23.0319

Background



This preview shows how black text looks on a background with the XYZ color 55.5623, 73.3395, 23.0319.



This preview shows how white text looks on a background with the XYZ color 55.5623, 73.3395,

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

55.5623, 73.3395, 23.0319

Protanopia

66.5446, 72.8429, 21.3793

Deuteranopia

72.1513, 72.5052, 44.8425



Tritanopia

69.5810, 72.8300, 92.8284

Trichromacy



Original Color

55.5623, 73.3395, 23.0319

Protanomaly

61.8935, 72.4407, 21.7867

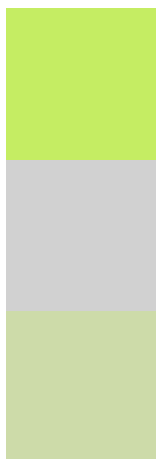
Deuteranomaly

65.0530, 72.1612, 35.3108

Tritanomaly

62.6668, 72.0222, 58.7429

Monochromacy



Original Color

55.5623, 73.3395, 23.0319

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

57.6698, 66.5067, 47.3337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5623, 73.3395, 23.0319 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(197, 237, 99)` looks like.

```
.text, #text, p{  
    color:rgb(197, 237, 99)  
}
```

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(197, 237, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 237, 99) }
```

Border

The CSS property to change the border of an element to XYZ 55.5623, 73.3395, 23.0319 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(197, 237, 99) }
```


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

```
.border{ border-color:rgb(197, 237, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 237, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 237, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 237, 99);  
box-shadow:4px 4px 4px 4px rgb(197, 237,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5623, 73.3395, 23.0319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 237, 99) }
```

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

```
.background{ background-color: rgb(197,  
237, 99) }
```

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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