

Converting Colors

XYZ(19.9104, 39.4501, 7.2689)

Have a look what the booklet for
XYZ(19.9104, 39.4501, 7.2689)
contains.

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Color

**XYZ(19.9754, 39.5856,
7.2974)**

Conversions

Conversions Part 1

Format	Color
Hex	08C415
RGB	8, 196, 21
RGB Percent	3%, 77%, 8%
CMY	0.9686, 0.2314, 0.9176
CMYK	0.96, 0.00, 0.89, 0.23
HSL	124°, 92%, 40%
HSV	124°, 96%, 77%
XYZ	19.9754, 39.5856, 7.2974
YIQ	119.8380, -55.8730, -94.2810

Conversions

Conversions Part 2

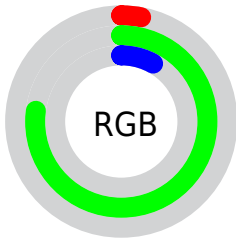
Format	Color
RYB	8, 184, 196
Decimal	574485
CIELab	69.17, -69.85, 65.61
CIELCh	69, 95.835, 136.794
Yxy	39.5856, 0.2988, 0.5921
Android (android.graphics.Color)	4278764565 (0xFF08C415)
YUV	119.8380, -48.7271, -98.0819
Hunter-Lab	62.9171, -53.4334, 37.1652

Details

The XYZ color **19.9754, 39.5856, 7.2974** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **31.3990, 15.3284, 46.0987**, and the grayscale version is **17.9655, 18.9011, 20.5833**.

A 20% lighter version of the original color is **42.8710, 74.5148, 21.1401**, and **9.3781, 18.7562, 3.1260** is the 20% darker color. If you saturate the color by 10%, you get **19.8171, 39.5120, 6.9823**, and if you desaturate by 10%, it is **20.5792, 39.8709, 8.5530**.

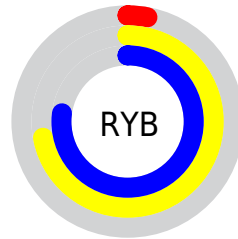
Distribution



Red (3%)

Green (77%)

Blue (8%)



Red (3%)

Yellow (72%)

Blue (77%)

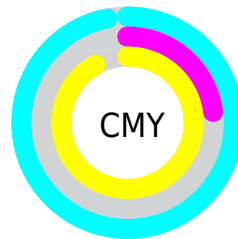


Cyan (96%)

Magenta (0%)

Yellow (89%)

Black (23%)



Cyan (97%)


Magenta (23%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.9754, 39.5856, 7.2974 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 19.9754, 39.5856, 7.2974 by changing the saturation by 10% instead.

 19.9754, 39.5856,
7.2974


 19.9754, 39.5856,
7.2974


244.6180,
344.3738, 179.8361


 12.4853, 27.2156,
3.5675


 42.8802, 74.5321,
21.0920


 7.1497, 17.7352,
1.3912


 59.0256, 97.8773,
31.9939

 3.6030, 10.7600,
0.1349


 78.7869, 125.6498,
46.1234

 1.4801, 5.9057,
0.0000

 102.5293,
158.2338, 63.8992

 0.3122, 2.7878,
0.0000

 130.6183,
196.0138, 85.7399

 0.0000, 1.0220,
0.0000

 163.4192,

 0.0000, 0.0000,

239.3743, 112.0639

0.0000

201.2973,
288.6995, 143.2898

■ 19.9754, 39.5856,
7.2974

■ 19.9754, 39.5856,
7.2974

■ 19.8171, 39.5120,
6.9823

■ 20.5792, 39.8709,
8.5530

■ 21.6733, 40.3910,
10.5905

■ 23.3374, 41.1859,
13.5104

■ 25.6353, 42.2869,
17.3977

■ 28.6222, 43.7207,
22.3271

■ 32.3475, 45.5113,
28.3661

■ 36.8558, 47.6805,
35.5767

■ 42.1883, 50.2482,
44.0161

■ 48.3832, 53.2331,
53.7379

Harmonies

Analogous

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



29.7377, 39.5856, 2.2772



19.9754, 39.5856, 7.2974



15.6118, 39.5856, 26.5548

Triad

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



19.9754, 39.5856, 7.2974



31.2869, 39.5856, 188.5053



73.4699, 39.5856, 23.0291

Complementary

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



19.9754, 39.5856, 7.2974



31.3990, 15.3284, 46.0987

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.



74.2182, 39.5856, 65.3978



19.9754, 39.5856, 7.2974



46.7963, 39.5856, 184.8726

Square

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



19.9754, 39.5856, 7.2974



20.8428, 39.5856, 138.5067



63.4472, 39.5856, 130.5310



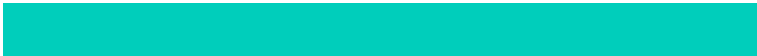
61.6174, 39.5856, 6.2129

Rectangle

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



19.9754, 39.5856, 7.2974



15.2955, 39.5856, 53.8746



63.4472, 39.5856, 130.5310



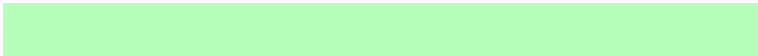
75.1221, 39.5856, 33.8706

Sweetspot

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



19.9763, 39.5872, 7.2983



63.7086, 84.9021, 59.5782



39.4250, 49.6240, 7.7302



12.8886, 17.8128, 11.5553



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.



19.9763, 39.5872, 7.2983



35.8663, 71.5625, 12.4799



22.9087, 40.7602, 22.7399



9.9721, 11.2699, 10.8563



12.7449, 25.3920, 4.5497



0.5606, 1.1011, 0.2489

Inverse Universe

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



31.3990, 15.3284, 46.0987



56.5774, 27.3949, 82.6955



24.6756, 12.6390, 10.6936



10.4662, 10.2351, 12.5457



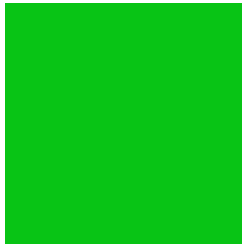
20.0948, 9.7277, 29.4751



0.8774, 0.4240, 1.3220

Previews

White Background



This preview shows how the XYZ color 19.9754, 39.5856, 7.2974 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 19.9754, 39.5856, 7.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

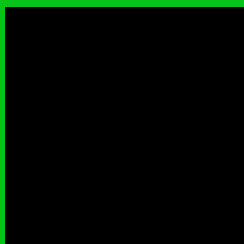
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 19.9754, 39.5856, 7.2974

Background



This preview shows how black text looks on a background with the XYZ color 19.9754, 39.5856, 7.2974.



This preview shows how white text looks on a background with the XYZ color 19.9754, 39.5856,

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

19.9754, 39.5856, 7.2974

Protanopia

35.0272, 38.8394, 5.8516

Deuteranopia

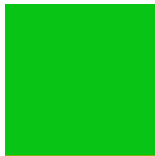
39.4896, 38.7031, 8.0785



Tritanopia

30.2857, 39.2810, 58.8091

Trichromacy



Original Color

19.9754, 39.5856, 7.2974



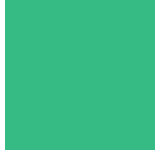
Protanomaly

24.1551, 36.0783, 6.0385



Deuteranomaly

25.4189, 34.9634, 7.2426



Tritanomaly

23.5795, 38.0463, 28.2912

Monochromacy



Original Color

19.9754, 39.5856, 7.2974



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

15.4146, 23.4822, 12.1076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9754, 39.5856, 7.2974 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(8, 196, 21)` looks like.

```
.text, #text, p{  
    color:rgb(8, 196, 21)  
}
```

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(8, 196, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 196, 21) }
```

Border

The CSS property to change the border of an element to XYZ 19.9754, 39.5856, 7.2974 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(8, 196, 21) }
```


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

```
.border{ border-color:rgb(8, 196, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 196, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 196, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 196, 21);  
box-shadow:4px 4px 4px 4px rgb(8, 196, 21)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.9754, 39.5856, 7.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 196, 21) }
```

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

```
.background{ background-color: rgb(8, 196,  
21) }
```

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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