

Converting Colors

XYZ(21.6187, 43.1961, 7.3337)

Have a look what the booklet for
XYZ(21.6187, 43.1961, 7.3337)
contains.

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Color

**XYZ(21.6203, 43.1967,
7.3419)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC05
RGB	0, 204, 5
RGB Percent	0%, 80%, 2%
CMY	1.0000, 0.2000, 0.9803
CMYK	1.00, 0.00, 0.98, 0.20
HSL	121°, 100%, 40%
HSV	121°, 100%, 80%
XYZ	21.6203, 43.1967, 7.3419
YIQ	120.3180, -57.7050, -105.1370

Conversions

Conversions Part 2

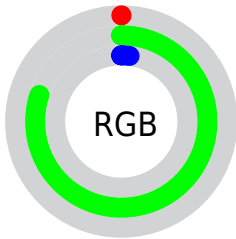
Format	Color
RYB	0, 199, 204
Decimal	52229
CIELab	71.69, -72.75, 69.78
CIELCh	72, 100.806, 136.192
Yxy	43.1967, 0.2996, 0.5986
Android (android.graphics.Color)	4278242309 (0xFF00CC05)
YUV	120.3180, -56.8518, -105.5189
Hunter-Lab	65.7242, -56.2989, 39.3838

Details

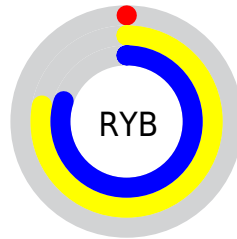
The XYZ color **21.6203, 43.1967, 7.3419** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **35.2096, 16.9607, 55.4401**, and the grayscale version is **18.1466, 19.0916, 20.7908**.

A 20% lighter version of the original color is **43.1470, 75.1478, 20.4145**, and **10.5899, 21.1798, 3.5300** is the 20% darker color. If you saturate the color by 10%, you get **21.6212, 43.1985, 7.3428**, and if you desaturate by 10%, it is **22.0651, 43.4103, 8.1314**.

Distribution



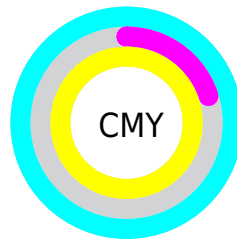
- Red (0%)
- Green (80%)
- Blue (2%)



- Red (0%)
- Yellow (78%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.6203, 43.1967, 7.3419 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 21.6203, 43.1967, 7.3419 by changing the saturation by 10% instead.


 21.6203, 43.1967,
7.3419


 21.6203, 43.1967,
7.3419


253.2267,
359.4201, 180.2125


 13.6932, 30.0395,
3.5952


 45.6012, 80.0076,
21.1823


 7.9879, 19.8686,
1.4060


 62.3857, 104.4301,
32.1130

 4.1389, 12.2995,
0.1464


 82.8533, 133.3764,
46.2754

 1.7810, 6.9480,
0.0000

 107.3695,
167.2310, 64.0881

 0.5062, 3.4296,
0.0000

 136.2996,
206.3783, 85.9696

 0.0000, 1.3599,
0.0000

 170.0089,

 0.0000, 0.1869,

251.2026, 112.3385

0.0000

208.8628,
302.0884, 143.6133

■ 0.0000, 0.0000,
0.0000

■ 21.6203, 43.1967,
7.3419

■ 21.6203, 43.1967,
7.3419

■ 21.6212, 43.1985,
7.3428

■ 22.0651, 43.4103,
8.1314

■ 22.9706, 43.8429,
9.7165

■ 24.4768, 44.5645,
12.2703

■ 26.6637, 45.6135,
15.9139

■ 29.5988, 47.0225,
20.7507

■ 33.3417, 48.8204,
26.8724

■ 37.9458, 51.0330,
34.3613

■ 43.4602, 53.6837,
43.2931

■ 49.9300, 56.7946,
53.7381

Harmonies

Analogous

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



32.5610, 43.1967, 2.1886



21.6203, 43.1967, 7.3419



16.7050, 43.1967, 27.9631

Triad

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



21.6203, 43.1967, 7.3419



33.7052, 43.1967, 210.3220



81.3748, 43.1967, 25.3743

Complementary

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



21.6203, 43.1967, 7.3419



35.2096, 16.9607, 55.4401

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.



81.9342, 43.1967, 73.2514



21.6203, 43.1967, 7.3419



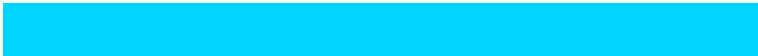
50.9159, 43.1967, 207.5844

Square

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



21.6203, 43.1967, 7.3419



22.2566, 43.1967, 152.8390



69.6199, 43.1967, 146.8472



68.2548, 43.1967, 6.5684

Rectangle

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



21.6203, 43.1967, 7.3419



16.2924, 43.1967, 57.9287



69.6199, 43.1967, 146.8472



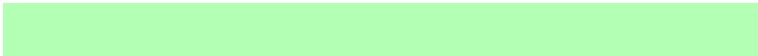
83.1411, 43.1967, 37.5986

Sweetspot

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



21.6213, 43.1985, 7.3429



62.5123, 84.3552, 56.3723



45.5747, 55.5501, 8.3203



12.6500, 17.7045, 10.8796



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.



21.6213, 43.1985, 7.3429



35.7944, 71.5338, 12.1011



24.1644, 44.2157, 20.7345



11.0790, 12.5414, 11.9737



13.6132, 27.1906, 4.6480



0.7063, 1.4043, 0.2609

Inverse Universe

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



35.2096, 16.9607, 55.4401



58.2958, 28.0823, 91.7445



27.1361, 13.7312, 12.9254



11.6752, 11.3988, 14.0900



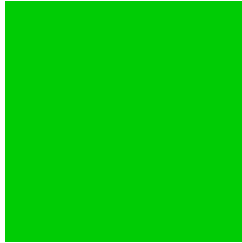
22.1658, 10.6769, 34.9215



1.1474, 0.5524, 1.8219

Previews

White Background



This preview shows how the XYZ color 21.6203, 43.1967, 7.3419 looks on a white background.

Color Contrast Check

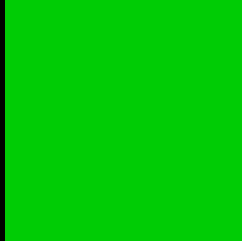
Large Text (above 18pt) WCAG AA × Fail

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 21.6203, 43.1967, 7.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

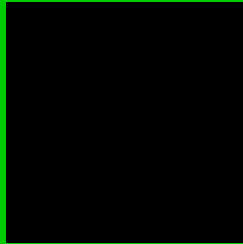
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 21.6203, 43.1967, 7.3419

Background



This preview shows how black text looks on a background with the XYZ color 21.6203, 43.1967, 7.3419.



This preview shows how white text looks on a background with the XYZ color 21.6203, 43.1967,

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

21.6203, 43.1967, 7.3419

Protanopia

38.3559, 42.5303, 6.1876

Deuteranopia

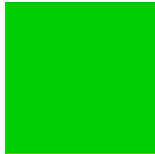
43.1232, 42.1522, 8.2462



Tritanopia

33.2707, 43.2131, 64.3450

Trichromacy



Original Color

21.6203, 43.1967, 7.3419



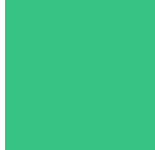
Protanomaly

26.0273, 39.4822, 6.3065



Deuteranomaly

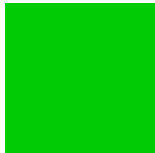
27.0019, 37.8229, 7.1057



Tritanomaly

25.2555, 41.5084, 28.5106

Monochromacy



Original Color

21.6203, 43.1967, 7.3419



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

15.4222, 24.2198, 11.0698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6203, 43.1967, 7.3419 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(0, 204, 5)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 5)  
}
```

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(0, 204, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 5) }
```

Border

The CSS property to change the border of an element to XYZ 21.6203, 43.1967, 7.3419 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(0, 204, 5) }
```


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

```
.border{ border-color:rgb(0, 204, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 204, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 204, 5); box-shadow:4px  
4px 4px 4px rgb(0, 204, 5) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6203, 43.1967, 7.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 5) }
```

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

```
.background{ background-color: rgb(0, 204,  
5) }
```

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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