

Converting Colors

XYZ(41.6725, 74.3920, 20.1479)

Have a look what the booklet for
XYZ(41.6725, 74.3920, 20.1479)
contains.

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Color

**XYZ(41.6966, 74.4045,
20.1465)**

Conversions

Conversions Part 1

Format	Color
Hex	5CFF52
RGB	92, 255, 82
RGB Percent	36%, 100%, 32%
CMY	0.6392, 0.0000, 0.6784
CMYK	0.64, 0.00, 0.68, 0.00
HSL	117°, 100%, 66%
HSV	117°, 68%, 100%
XYZ	41.6966, 74.4045, 20.1465
YIQ	186.5410, -41.6150, -88.3590

Conversions

Conversions Part 2

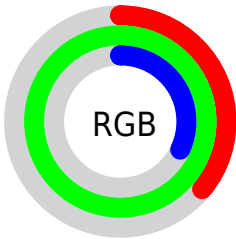
Format	Color
R _Y B	82, 255, 245
Decimal	6094674
CIE Lab	89.11, -73.16, 67.26
CIE LCh	89, 99.379, 137.403
Yxy	74.4045, 0.3060, 0.5461
Android (android.graphics.Color)	4284284754 (0xFF5CFF52)
YUV	186.5410, -51.5387, -82.9125
Hunter-Lab	86.2580, -64.6658, 46.5328

Details

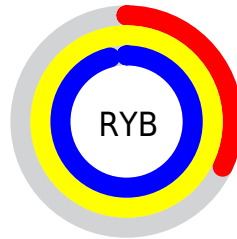
The XYZ color **41.6966, 74.4045, 20.1465** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **58.7258, 32.6689, 97.8183**, and the grayscale version is **47.2734, 49.7353, 54.1617**.

A 20% lighter version of the original color is **54.7183, 80.7550, 37.1294**, and **20.0101, 39.9500, 6.8862** is the 20% darker color. If you saturate the color by 10%, you get **38.8683, 73.0385, 15.8558**, and if you desaturate by 10%, it is **45.6466, 76.3071, 26.3727**.

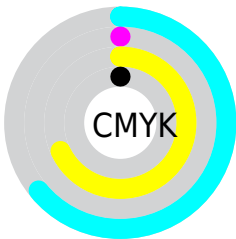
Distribution



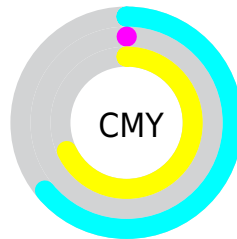
- Red (36%)
- Green (100%)
- Blue (32%)



- Red (32%)
- Yellow (100%)
- Blue (96%)



- Cyan (64%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)





- Cyan (64%)
- Magenta (0%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6966, 74.4045, 20.1465 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 41.6966, 74.4045, 20.1465 by changing the saturation by 10% instead.


 41.6966, 74.4045,
20.1465


 41.6966, 74.4045,
20.1465


344.2367,
475.8683, 265.3375

 29.0539, 55.1252,
12.3164


 77.0083, 125.4690,
44.5249


 19.2661, 39.5019,
6.8344


 100.4079,
158.0231, 61.9102

 11.9678, 27.1504,
3.2819

 128.1240,
195.7707, 83.3178

 6.7938, 17.6862,
1.2403

 160.5217,
239.0965, 109.1661

 3.3787, 10.7250,
0.0121

197.9665,
288.3848, 139.8737

 1.3570, 5.8822,
0.0000

240.8237,

 0.2253, 2.7736,

344.0199, 175.8591

0.0000

289.4586,
406.3862, 217.5409

0.0000, 1.0147,
0.0000

0.0000, 0.0000,
0.0000

41.6966, 74.4045,
20.1465

41.6966, 74.4045,
20.1465

38.8683, 73.0385,
15.8558

45.6466, 76.3071,
26.3727

37.0438, 72.1533,
13.2713

50.8183, 78.7937,
34.7227

36.0770, 71.6799,
12.0923

57.3017, 81.9072,
45.3660

35.9527, 71.6193,
11.9290

65.1778, 85.6859,
58.4544

■ 74.5214, 90.1655,
74.1264

■ 85.4017, 95.3789,
92.5104

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



57.6942, 74.4045, 8.7783



41.6966, 74.4045, 20.1465



34.3321, 74.4045, 55.2851

Triad

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



41.6966, 74.4045, 20.1465



61.0479, 74.4045, 293.1018



125.0671, 74.4045, 47.3333

Complementary

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



41.6966, 74.4045, 20.1465



58.7258, 32.6689, 97.8183

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.



126.5498, 74.4045, 113.6949



41.6966, 74.4045, 20.1465



85.5705, 74.4045, 286.3381

Square

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



41.6966, 74.4045, 20.1465



43.6669, 74.4045, 224.0517



110.8042, 74.4045, 208.8404



107.1237, 74.4045, 17.1804

Rectangle

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



41.6966, 74.4045, 20.1465



33.8817, 74.4045, 99.4273



110.8042, 74.4045, 208.8404



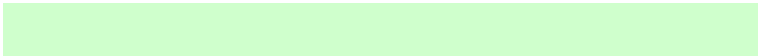
127.6323, 74.4045, 65.0268

Sweetspot

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



41.6969, 74.4046, 20.1477



72.3762, 89.1373, 70.5173



74.9538, 86.2504, 20.6813



14.9165, 18.8034, 14.1281



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.



41.6969, 74.4046, 20.1477



38.1895, 72.7098, 14.8668



45.3234, 75.7474, 44.1167



17.8686, 20.2182, 19.1051



18.8240, 37.4422, 6.2349



1.8654, 3.6624, 0.6086

Inverse Universe

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



58.7258, 32.6689, 97.8183



56.1107, 28.4375, 97.1394



52.4996, 30.5922, 46.3370



18.6829, 18.2438, 22.7867



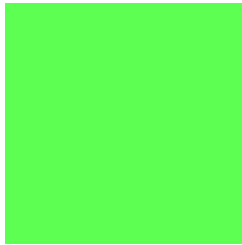
28.3007, 13.5000, 50.5487



2.7858, 1.3301, 4.9232

Previews

White Background



This preview shows how the XYZ color 41.6966, 74.4045, 20.1465 looks on a white background.

Color Contrast Check

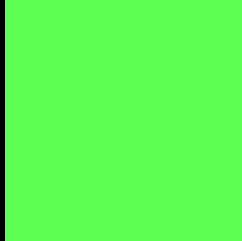
Large Text (above 18pt) WCAG AA × Fail

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 41.6966, 74.4045, 20.1465 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 41.6966, 74.4045, 20.1465

Background



This preview shows how black text looks on a background with the XYZ color 41.6966, 74.4045, 20.1465.

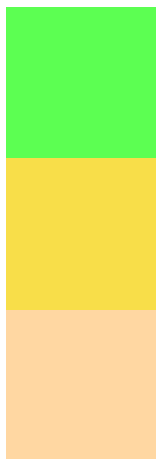


This preview shows how white text looks on a background with the XYZ color 41.6966, 74.4045,

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

41.6966, 74.4045, 20.1465

Protanopia

66.0353, 72.6800, 16.8516

Deuteranopia

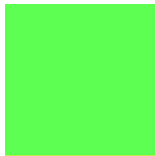
72.0620, 72.4695, 44.3724



Tritanopia

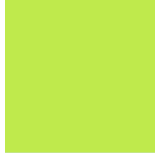
59.8358, 73.7177, 105.6830

Trichromacy



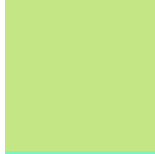
Original Color

41.6966, 74.4045, 20.1465



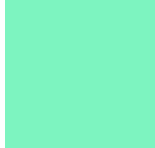
Protanomaly

52.2132, 70.4438, 17.6826



Deuteranomaly

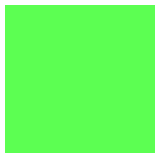
55.2954, 70.0228, 32.7917



Tritanomaly

50.3226, 72.8671, 61.2817

Monochromacy



Original Color

41.6966, 74.4045, 20.1465



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

41.9172, 55.9323, 37.0205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6966, 74.4045, 20.1465 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(92, 255, 82)` looks like.

```
.text, #text, p{  
    color:rgb(92, 255, 82)  
}
```

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(92, 255, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 255, 82) }
```

Border

The CSS property to change the border of an element to XYZ 41.6966, 74.4045, 20.1465 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(92, 255, 82) }
```


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

```
.border{ border-color:rgb(92, 255, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 255, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 255, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 255, 82);  
box-shadow:4px 4px 4px 4px rgb(92, 255,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6966, 74.4045, 20.1465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 255, 82) }
```

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

```
.background{ background-color: rgb(92, 255,  
82) }
```

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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