

Converting Colors

XYZ(63.3593, 85.7271, 14.1555)

Have a look what the booklet for
XYZ(63.3593, 85.7271, 14.1555)
contains.

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Color

**XYZ(63.3870, 85.7407,
14.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FF1A
RGB	213, 255, 26
RGB Percent	84%, 100%, 10%
CMY	0.1647, 0.0000, 0.8980
CMYK	0.16, 0.00, 0.90, 0.00
HSL	71°, 100%, 55%
HSV	71°, 90%, 100%
XYZ	63.3870, 85.7407, 14.1860
YIQ	216.3360, 48.4770, -80.1230

Conversions

Conversions Part 2

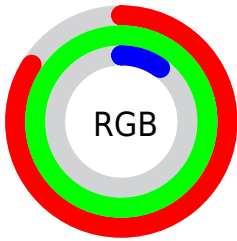
Format	Color
R _Y B	26, 255, 68
Decimal	14024474
CIE Lab	94.20, -38.16, 88.61
CIE LCh	94, 96.481, 113.301
Yxy	85.7407, 0.3881, 0.5250
Android (android.graphics.Color)	4292214554 (0xFFD5FF1A)
YUV	216.3360, -93.8356, -2.9257
Hunter-Lab	92.5963, -39.8509, 55.7340

Details

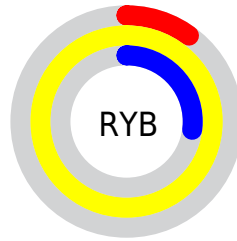
The XYZ color **63.3870, 85.7407, 14.1860** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **20.8051, 9.1893, 95.2849**, and the grayscale version is **66.0977, 69.5400, 75.7290**.

A 20% lighter version of the original color is **79.3983, 93.7393, 26.4791**, and **33.3310, 47.1605, 7.3462** is the 20% darker color. If you saturate the color by 10%, you get **61.8659, 84.9777, 13.1566**, and if you desaturate by 10%, it is **65.1858, 86.6192, 16.4758**.

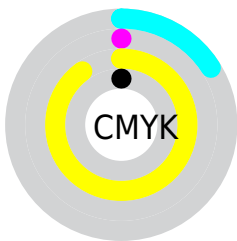
Distribution



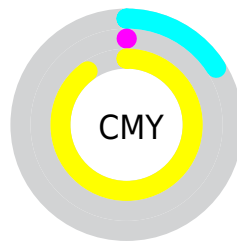
- Red (84%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (27%)



- Cyan (16%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3870, 85.7407, 14.1860 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 63.3870, 85.7407, 14.1860 by changing the saturation by 10% instead.


 63.3870, 85.7407,
14.1860


 63.3870, 85.7407,
14.1860


426.6100,
514.0758, 229.8534


 46.4142, 64.4536,
8.1099


 108.8063,
141.4076, 34.1406


 32.7788, 47.0181,
4.0766


 137.9835,
176.5561, 48.8561


 22.1155, 33.0500,
1.6675


 171.9596,
217.0940, 67.2886

 14.0588, 22.1647,
0.3383

 211.0999,
263.4054, 89.8565

 8.2436, 13.9780,
0.0000

 255.7697,
315.8750, 116.9784

 4.3043, 8.1054,
0.0000

306.3344,

 1.8757, 4.1624,

374.8869, 149.0728

0.0000

363.1594,
440.8258, 186.5583

■ 0.5627, 1.7648,
0.0000

■ 0.0000, 0.4651,
0.0000

■ 63.3870, 85.7407,
14.1860

■ 63.3870, 85.7407,
14.1860

■ 61.8659, 84.9777,
13.1566

■ 65.1858, 86.6192,
16.4758

■ 61.8362, 84.9628,
13.1403

■ 67.3329, 87.6416,
20.3924

■ 69.8725, 88.8256,
26.1681

■ 72.8417, 90.1861,
33.9971

■ 76.2731, 91.7361,
44.0490

■ 80.1958, 93.4873,
56.4760

■ 84.6365, 95.4505,
71.4166

■ 89.6198, 97.6355,
88.9989

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.



87.4250, 85.7407, 11.3696



63.3870, 85.7407, 14.1860



47.8109, 85.7407, 31.5490

Triad

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



63.3870, 85.7407, 14.1860



55.2743, 85.7407, 260.1105



141.4311, 85.7407, 110.9490

Complementary

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



63.3870, 85.7407, 14.1860



20.8051, 9.1893, 95.2849

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.



128.1453, 85.7407, 206.7474



63.3870, 85.7407, 14.1860



75.8374, 85.7407, 317.8117

Square

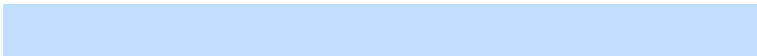
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.3870, 85.7407, 14.1860



43.8651, 85.7407, 161.6691



102.7573, 85.7407, 294.3613



136.1391, 85.7407, 47.6444

Rectangle

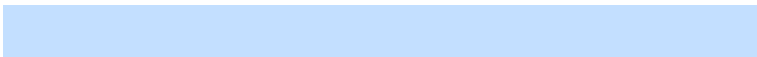
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.3870, 85.7407, 14.1860



42.5835, 85.7407, 58.1647



102.7573, 85.7407, 294.3613



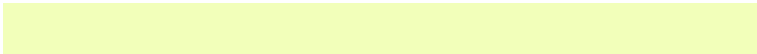
138.9115, 85.7407, 140.4746

Sweetspot

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



63.3870, 85.7407, 14.1872



81.3844, 94.0146, 60.3952



43.4937, 25.4688, 3.6020



17.1102, 19.9857, 11.9085



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.



63.3870, 85.7407, 14.1872



61.8362, 84.9628, 13.1403



41.0410, 74.2209, 13.1414



19.2153, 20.9124, 19.1681



32.4286, 44.4556, 6.8716



3.2384, 4.3702, 0.6729

Inverse Universe

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



20.8051, 9.1893, 95.2849



19.2119, 7.8190, 95.1044



37.8270, 17.9644, 96.0815



17.3137, 17.5380, 22.7226



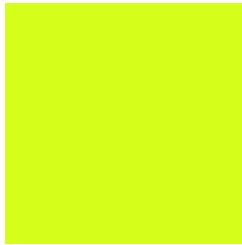
10.1274, 4.1313, 49.6982



1.0657, 0.4433, 4.8427

Previews

White Background



This preview shows how the XYZ color 63.3870, 85.7407, 14.1860 looks on a white background.

Color Contrast Check

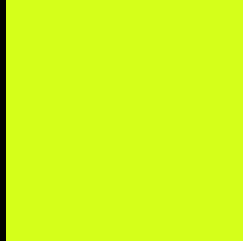
Large Text (above 18pt) WCAG AA × Fail

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 63.3870, 85.7407, 14.1860 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 63.3870, 85.7407, 14.1860

Background



This preview shows how black text looks on a background with the XYZ color 63.3870, 85.7407, 14.1860.



This preview shows how white text looks on a background with the XYZ color 63.3870, 85.7407,

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

63.3870, 85.7407, 14.1860

Protanopia

78.6061, 85.1257, 47.8852

Deuteranopia

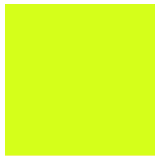
82.4570, 85.2801, 72.4364



Tritanopia

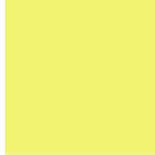
82.2659, 85.2808, 106.7327

Trichromacy



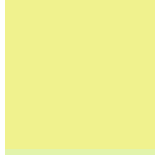
Original Color

63.3870, 85.7407, 14.1860



Protanomaly

71.3231, 84.4415, 28.4593



Deuteranomaly

72.5698, 83.9825, 37.9766



Tritanomaly

71.1611, 83.8487, 51.4635

Monochromacy



Original Color

63.3870, 85.7407, 14.1860



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.5876, 73.1473, 38.4766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3870, 85.7407, 14.1860 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(213, 255, 26)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 26)  
}
```

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(213, 255, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 26) }
```

Border

The CSS property to change the border of an element to XYZ 63.3870, 85.7407, 14.1860 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(213, 255, 26) }
```


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

```
.border{ border-color:rgb(213, 255, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 255, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 26);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3870, 85.7407, 14.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 26) }
```

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

```
.background{ background-color: rgb(213,  
255, 26) }
```

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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