

Converting Colors

XYZ(61.7219, 79.6534, 20.7159)

Have a look what the booklet for
XYZ(61.7219, 79.6534, 20.7159)
contains.

XYZ(61.7219, 79.6534, 20.7159)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.7219, 79.6534,
20.7159)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F455
RGB	214, 244, 85
RGB Percent	84%, 96%, 33%
CMY	0.1608, 0.0431, 0.6666
CMYK	0.12, 0.00, 0.65, 0.04
HSL	71°, 88%, 65%
HSV	71°, 65%, 96%
XYZ	61.7219, 79.6534, 20.7159
YIQ	216.9040, 33.1590, -55.8090

Conversions

Conversions Part 2

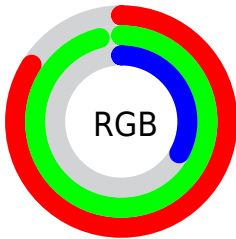
Format	Color
R _Y B	85, 244, 115
Decimal	14087253
CIE Lab	91.53, -30.51, 70.37
CIE LCh	92, 76.693, 113.438
Yxy	79.6534, 0.3808, 0.4914
Android (android.graphics.Color)	4292277333 (0xFFD6F455)
YUV	216.9040, -65.0287, -2.5468
Hunter-Lab	89.2488, -32.7398, 48.7121

Details

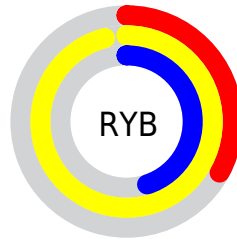
The XYZ color **61.7219, 79.6534, 20.7159** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **26.6508, 16.6755, 87.4068**, and the grayscale version is **66.3052, 69.7582, 75.9667**.

A 20% lighter version of the original color is **81.8825, 94.7330, 39.5608**, and **31.7870, 43.0718, 7.1285** is the 20% darker color. If you saturate the color by 10%, you get **59.5904, 78.6506, 16.3996**, and if you desaturate by 10%, it is **64.2292, 80.8166, 26.7967**.

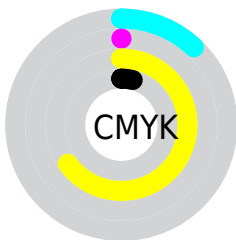
Distribution



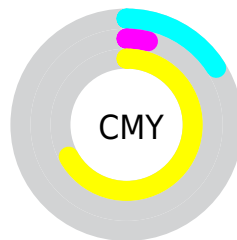
- Red (84%)
- Green (96%)
- Blue (33%)



- Red (33%)
- Yellow (96%)
- Blue (45%)



- Cyan (12%)
- Magenta (0%)
- Yellow (65%)
- Black (4%)





- Cyan (16%)
- Magenta (4%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7219, 79.6534, 20.7159 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 61.7219, 79.6534, 20.7159 by changing the saturation by 10% instead.


 61.7219, 79.6534,
20.7159


 61.7219, 79.6534,
20.7159


420.6497,
493.7640, 268.4961


 45.0628, 59.4332,
12.7273


 106.4157,
132.8783, 45.4889


 31.7084, 42.9619,
7.1125


 135.1811,
166.6518, 63.1103

 21.2933, 29.8552,
3.4530


 168.7126,
205.7118, 84.7797

 13.4523, 19.7287,
1.3304

 207.3756,
250.4428, 110.9157

 7.8198, 12.1980,
0.0865

251.5355,
301.2291, 141.9368

 4.0307, 6.8787,
0.0000

301.5575,

 1.7195, 3.3863,

358.4552, 178.2615

0.0000

357.8072,
422.5053, 220.3084

■ 0.4684, 1.3366,
0.0000

■ 0.0000, 0.1693,
0.0000

■ 61.7219, 79.6534,
20.7159

■ 61.7219, 79.6534,
20.7159

■ 59.5904, 78.6506,
16.3996

■ 64.2292, 80.8166,
26.7967

■ 57.7929, 77.7829,
13.6530

■ 67.1380, 82.1421,
34.8000

■ 56.2864, 77.0359,
12.2444

■ 70.4778, 83.6443,
44.8717

■ 55.6299, 76.7049,
11.8735

■ 74.2738, 85.3336,
57.1423

78.5490, 87.2190,
71.7318

83.3248, 89.3093,
88.7512

88.4905, 91.5601,
107.6167

90.1280, 92.4043,
107.6933

91.6425, 93.1850,
107.7642

Harmonies

Analogous

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



80.0847, 79.6534, 17.7253



61.7219, 79.6534, 20.7159



49.3560, 79.6534, 37.1150

Triad

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



61.7219, 79.6534, 20.7159



55.4550, 79.6534, 205.0872



119.5178, 79.6534, 99.6196

Complementary

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



61.7219, 79.6534, 20.7159



26.6508, 16.6755, 87.4068

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.



110.0843, 79.6534, 167.9419



61.7219, 79.6534, 20.7159



71.4941, 79.6534, 243.6189

Square

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



61.7219, 79.6534, 20.7159



46.1969, 79.6534, 136.9711



91.6622, 79.6534, 227.7027



115.6891, 79.6534, 50.5754

Rectangle

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



61.7219, 79.6534, 20.7159



45.0966, 79.6534, 59.5238



91.6622, 79.6534, 227.7027



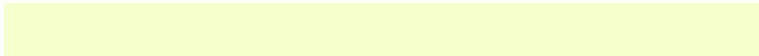
117.7465, 79.6534, 121.1698

Sweetspot

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



61.7238, 79.6570, 20.7176



84.4463, 95.3597, 71.0822



44.9851, 31.9599, 12.3933



17.7943, 20.2870, 14.2627



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.



61.7238, 79.6570, 20.7176



65.2295, 86.6293, 17.0374



44.0414, 70.5414, 19.8901



17.5902, 19.1463, 17.5661



30.3567, 41.7622, 6.4610



2.7453, 3.7103, 0.5715

Inverse Universe

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



26.6508, 16.6755, 87.4068



24.0479, 12.4186, 95.7373



41.7388, 24.4537, 88.1129



15.8730, 16.0772, 20.8092



9.5765, 3.9112, 46.7882



0.9193, 0.3838, 4.1159

Previews

White Background



This preview shows how the XYZ color 61.7219, 79.6534, 20.7159 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 61.7219, 79.6534, 20.7159 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 61.7219, 79.6534, 20.7159

Background



This preview shows how black text looks on a background with the XYZ color 61.7219, 79.6534, 20.7159.



This preview shows how white text looks on a background with the XYZ color 61.7219, 79.6534,

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

61.7219, 79.6534, 20.7159

Protanopia

72.4174, 79.4524, 25.1547

Deuteranopia

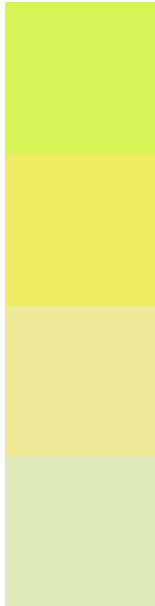
77.6217, 79.3268, 59.3646



Tritanopia

77.3330, 79.1296, 98.3864

Trichromacy



Original Color

61.7219, 79.6534, 20.7159

Protanomaly

68.1352, 79.3980, 23.2895

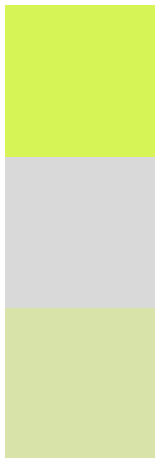
Deuteranomaly

70.6600, 79.0375, 40.8097

Tritanomaly

69.4438, 78.4410, 58.4943

Monochromacy



Original Color

61.7219, 79.6534, 20.7159

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

62.9494, 72.4017, 48.1932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7219, 79.6534, 20.7159 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(214, 244, 85)` looks like.

```
.text, #text, p{  
    color:rgb(214, 244, 85)  
}
```

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(214, 244, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 244, 85) }
```

Border

The CSS property to change the border of an element to XYZ 61.7219, 79.6534, 20.7159 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(214, 244, 85) }
```


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

```
.border{ border-color:rgb(214, 244, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 244, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 244, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 244, 85);  
box-shadow:4px 4px 4px 4px rgb(214, 244,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7219, 79.6534, 20.7159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 244, 85) }
```

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

```
.background{ background-color: rgb(214,  
244, 85) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor