

Converting Colors

XYZ(64.3134, 78.9911, 30.9259)

Have a look what the booklet for
XYZ(64.3134, 78.9911, 30.9259)
contains.

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Color

**XYZ(64.3134, 78.9911,
30.9259)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF07C
RGB	220, 240, 124
RGB Percent	86%, 94%, 49%
CMY	0.1373, 0.0588, 0.5137
CMYK	0.08, 0.00, 0.48, 0.06
HSL	70°, 79%, 71%
HSV	70°, 48%, 94%
XYZ	64.3134, 78.9911, 30.9259
YIQ	220.7960, 25.3160, -40.3160

Conversions

Conversions Part 2

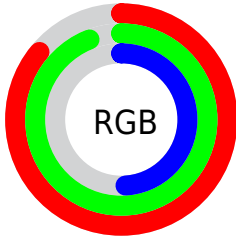
Format	Color
RYB	124, 240, 144
Decimal	14479484
CIELab	91.23, -23.24, 53.41
CIELCh	91, 58.249, 113.514
Yxy	78.9911, 0.3691, 0.4534
Android (android.graphics.Color)	4292669564 (0xFFDCF07C)
YUV	220.7960, -47.7204, -0.6981
Hunter-Lab	88.8769, -26.3679, 41.5831

Details

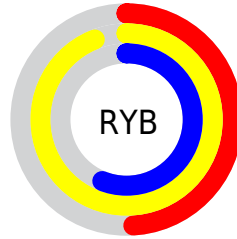
The XYZ color **64.3134, 78.9911, 30.9259** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **34.4404, 26.6379, 85.7692**, and the grayscale version is **68.8977, 72.4857, 78.9369**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **33.3821, 42.5224, 12.4095** is the 20% darker color. If you saturate the color by 10%, you get **61.7400, 77.8216, 23.8243**, and if you desaturate by 10%, it is **67.2910, 80.3315, 39.9775**.

Distribution



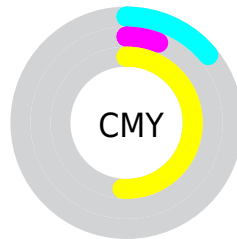
- Red (86%)
- Green (94%)
- Blue (49%)



- Red (49%)
- Yellow (94%)
- Blue (56%)



- Cyan (8%)
- Magenta (0%)
- Yellow (48%)
- Black (6%)





- Cyan (14%)
- Magenta (6%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3134, 78.9911, 30.9259 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 64.3134, 78.9911, 30.9259 by changing the saturation by 10% instead.


 64.3134, 78.9911,
30.9259

 64.3134, 78.9911,
30.9259


429.9048,
491.5262, 320.5374


 47.1672, 58.8885,
20.2844


 110.1334,
131.9463, 62.2016

 33.3763, 42.5234,
12.4158


 139.5378,
165.5677, 83.6729

 22.5755, 29.5113,
6.9016


 173.7591,
204.4642, 109.5913

 14.3994, 19.4680,
3.3231

213.1625,
249.0201, 140.3752

 8.4825, 12.0089,
1.2619

258.1134,
299.6199, 176.4432

 4.4596, 6.7497,
0.0303

308.9772,

 1.9653, 3.3061,

356.6479, 218.2139

0.0000

366.1192,
420.4886, 266.1058

0.6144, 1.2935,
0.0000

0.0000, 0.1362,
0.0000

64.3134, 78.9911,
30.9259

64.3134, 78.9911,
30.9259

61.7400, 77.8216,
23.8243

67.2910, 80.3315,
39.9775

59.5376, 76.8012,
18.5240


70.6919, 81.8420,
51.1032


57.6768, 75.9211,
14.8633


74.5406, 83.5352,
64.4227


56.1209, 75.1664,
12.6493


78.8581, 85.4196,
80.0454


 54.8177, 74.5162,
11.6087


 83.6638, 87.5031,
98.0731

 54.6127, 74.4131,
11.4848

 86.8106, 88.9266,
107.1969

 88.2696, 89.6788,
107.2652

 89.7612, 90.4477,
107.3350

 90.4519, 90.8037,
107.3673

Harmonies

Analogous

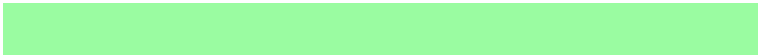
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3310, 78.9911, 27.8813



64.3134, 78.9911, 30.9259



54.4908, 78.9911, 46.1587

Triad

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



64.3134, 78.9911, 30.9259



59.4331, 78.9911, 169.3240



106.9619, 78.9911, 95.5216

Complementary

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



64.3134, 78.9911, 30.9259



34.4404, 26.6379, 85.7692

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.



100.2915, 78.9911, 143.9697



64.3134, 78.9911, 30.9259



71.9177, 78.9911, 194.7073

Square

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



64.3134, 78.9911, 30.9259



51.9421, 78.9911, 122.6903



86.9828, 78.9911, 184.1621



104.2311, 78.9911, 57.4797

Rectangle

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



64.3134, 78.9911, 30.9259



51.0167, 78.9911, 64.9392



86.9828, 78.9911, 184.1621



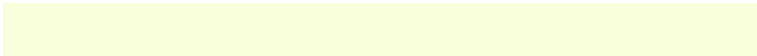
105.7192, 78.9911, 111.2018

Sweetspot

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



64.3153, 78.9947, 30.9276



87.5967, 96.7612, 81.2850



49.4487, 39.7279, 24.1319



18.5243, 20.6126, 16.5903



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.



64.3153, 78.9947, 30.9276



70.8897, 89.3228, 27.4423



49.8371, 71.5309, 30.2500



16.8398, 18.3131, 16.7969



29.9944, 40.7842, 6.2913



2.5650, 3.4288, 0.5266

Inverse Universe

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



34.4404, 26.6379, 85.7692



32.9291, 22.7109, 97.2558



47.1156, 33.1722, 86.3624



15.1513, 15.3597, 19.8878



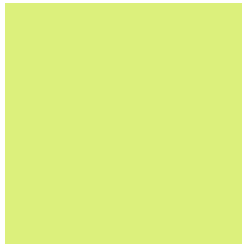
9.1951, 3.7457, 45.3662



0.8374, 0.3489, 3.7774

Previews

White Background



This preview shows how the XYZ color 64.3134, 78.9911, 30.9259 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 64.3134, 78.9911, 30.9259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

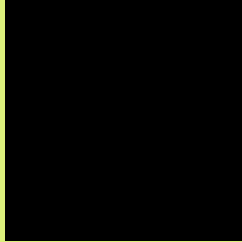
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3134, 78.9911, 30.9259

Background



This preview shows how black text looks on a background with the XYZ color 64.3134, 78.9911, 30.9259.

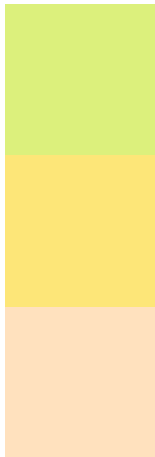


This preview shows how white text looks on a background with the XYZ color 64.3134, 78.9911,

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

64.3134, 78.9911, 30.9259

Protanopia

72.1950, 78.8323, 29.1804

Deuteranopia

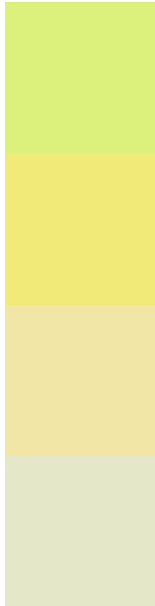
77.4595, 78.8281, 59.8480



Tritanopia

77.7299, 78.9622, 96.7324

Trichromacy



Original Color

64.3134, 78.9911, 30.9259

Protanomaly

69.1496, 78.9269, 29.6790

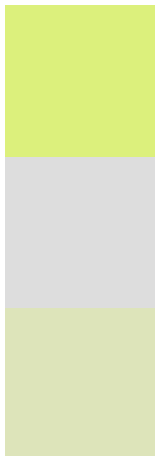
Deuteranomaly

71.7977, 78.2240, 47.3910

Tritanomaly

71.5950, 78.5414, 66.0301

Monochromacy



Original Color

64.3134, 78.9911, 30.9259

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

66.4251, 74.4041, 57.3148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3134, 78.9911, 30.9259 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(220, 240, 124)` looks like.

```
.text, #text, p{  
    color:rgb(220, 240, 124)  
}
```

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(220, 240, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 240, 124) }
```

Border

The CSS property to change the border of an element to XYZ 64.3134, 78.9911, 30.9259 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(220, 240, 124) }
```


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

```
.border{ border-color:rgb(220, 240, 124) }
```

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

Here you see how a box with a 4 pixel rgb(220, 240, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 240, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 240, 124);  
box-shadow:4px 4px 4px 4px rgb(220, 240,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3134, 78.9911, 30.9259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 240, 124) }
```

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

```
.background{ background-color: rgb(220,  
240, 124) }
```

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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