

Converting Colors

XYZ(128.1913, 191.4514,
80.5686)

Have a look what the booklet for
XYZ(128.1913, 191.4514, 80.5686)
contains.

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Color

**XYZ(78.6644, 92.5261,
64.1653)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FFC1
RGB	232, 255, 193
RGB Percent	91%, 100%, 76%
CMY	0.0902, 0.0000, 0.2431
CMYK	0.09, 0.00, 0.24, 0.00
HSL	82°, 100%, 88%
HSV	82°, 24%, 100%
XYZ	78.6644, 92.5261, 64.1653
YIQ	241.0550, 6.1940, -24.1580

Conversions

Conversions Part 2

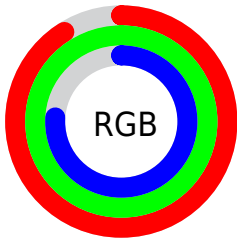
Format	Color
RYB	193, 255, 216
Decimal	15269825
CIELab	97.03, -17.78, 27.21
CIElCh	97, 32.502, 123.157
Yxy	92.5261, 0.3342, 0.3931
Android (android.graphics.Color)	4293459905 (0xFFE8FFC1)
YUV	241.0550, -23.6911, -7.9412
Hunter-Lab	96.1905, -22.3564, 27.7831

Details

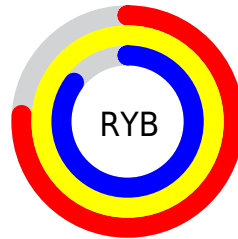
The XYZ color **78.6644, 92.5261, 64.1653** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.4397, 59.9600, 102.7321**, and the grayscale version is **83.8290, 88.1946, 96.0439**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **42.7588, 51.4824, 32.1096** is the 20% darker color. If you saturate the color by 10%, you get **73.0718, 89.9438, 50.3127**, and if you desaturate by 10%, it is **84.9138, 95.3902, 80.6115**.

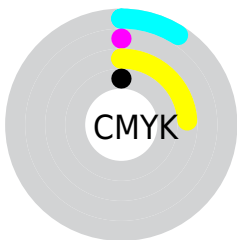
Distribution



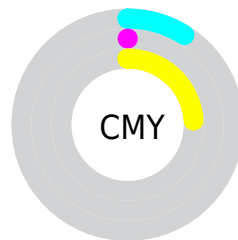
- Red (91%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.6644, 92.5261, 64.1653 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 78.6644, 92.5261, 64.1653 by changing the saturation by 10% instead.

78.6644, 92.5261,
64.1653

78.6644, 92.5261,
64.1653

479.2257,
536.2144, 458.0102

58.9246, 70.0777,
46.3375

130.4467,
150.8423, 112.4507

42.7986, 51.5899,
32.1617

163.2199,
187.4790, 143.7454

29.9209, 36.6783,
21.2192

201.0684,
229.6138, 180.3662

19.9264, 24.9585,
13.0915

244.3573,
277.6311, 222.7316

12.4495, 16.0461,
7.3601

293.4522,
331.9155, 271.2602

7.1249, 9.5568,
3.6065

348.7183,

3.5874, 5.1061,

392.8512, 326.3704

1.4120

410.5210,
460.8227, 388.4809

■ 1.4715, 2.3097,
0.1511

■ 0.3063, 0.7788,
0.0000

■ 78.6644, 92.5261,
64.1653

■ 78.6644, 92.5261,
64.1653

■ 73.0718, 89.9438,
50.3127

■ 84.9138, 95.3902,
80.6115

■ 68.1069, 87.6314,
38.9170

■ 91.8444, 98.5462,
99.7703

■ 63.7400, 85.5767,
29.8351

95.0500, 100.0000,
108.9000

■ 59.9382, 83.7662,
22.9074

■ 56.6647, 82.1848,
17.9544

■ 53.8768, 80.8153,
14.7670

■ 51.5232, 79.6367,
13.0894

■ 50.3380, 79.0352,
12.6022

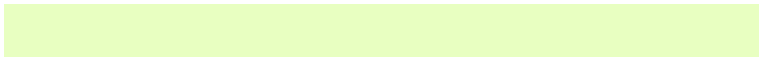
Harmonies

Analogous

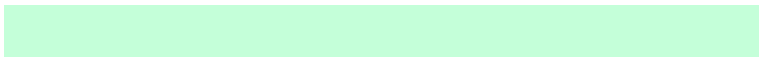
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9777, 92.5261, 58.3329



78.6644, 92.5261, 64.1653



73.1562, 92.5261, 79.6561

Triad

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



78.6644, 92.5261, 64.1653



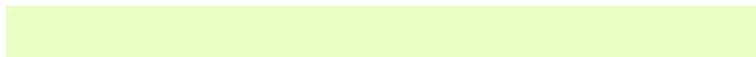
80.2331, 92.5261, 152.7419



106.7127, 92.5261, 97.9949

Complementary

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



78.6644, 92.5261, 64.1653



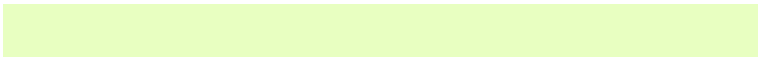
65.4397, 59.9600, 102.7321

Split Complementary

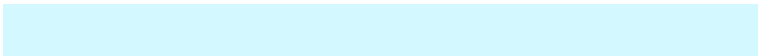
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.5997, 92.5261, 125.2622



78.6644, 92.5261, 64.1653



88.9160, 92.5261, 159.9184

Square

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



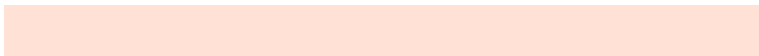
78.6644, 92.5261, 64.1653



74.0168, 92.5261, 130.9037



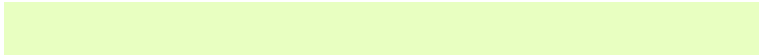
97.9246, 92.5261, 149.1079



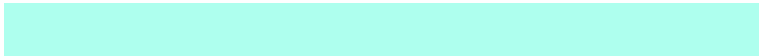
103.5155, 92.5261, 75.6157

Rectangle

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



78.6644, 92.5261, 64.1653



71.6008, 92.5261, 94.8579



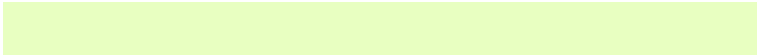
97.9246, 92.5261, 149.1079



106.6005, 92.5261, 106.8711

Sweetspot

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



78.6649, 92.5263, 64.1667



89.9136, 97.6689, 94.3487



75.3538, 74.0863, 60.7819



19.1539, 20.8636, 19.9398



0.0000, 0.0000, 0.0000



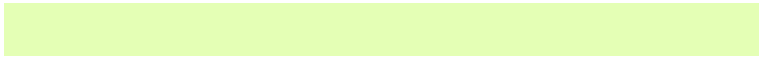
20.3446, 21.4041, 23.3091

Same Dimension

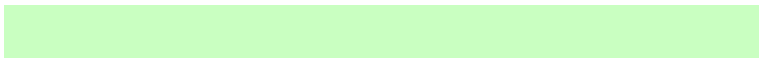
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6649, 92.5263, 64.1667



75.9633, 91.2815, 57.3584



69.5456, 87.8251, 63.7399



18.8698, 20.7343, 19.1519



26.4731, 41.3855, 6.5929



2.6983, 4.0918, 0.6476

Inverse Universe

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



65.4397, 59.9600, 102.7321



60.7325, 53.7681, 101.7851



75.3843, 65.0867, 103.1975



17.6395, 17.7059, 22.7378



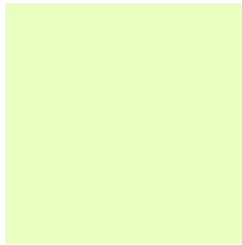
12.0262, 5.1102, 49.7871



1.2867, 0.5572, 4.8530

Previews

White Background



This preview shows how the XYZ color 78.6644, 92.5261, 64.1653 looks on a white background.

Color Contrast Check

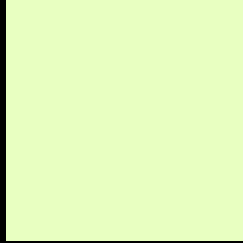
Large Text (above 18pt) WCAG AA × Fail

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 78.6644, 92.5261, 64.1653 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

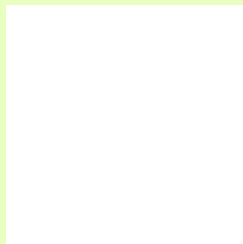
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.6644, 92.5261, 64.1653

Background



This preview shows how black text looks on a background with the XYZ color 78.6644, 92.5261, 64.1653.

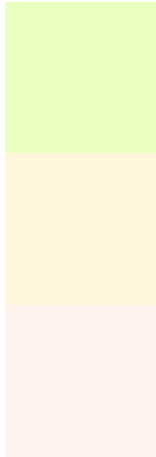


This preview shows how white text looks on a background with the XYZ color 78.6644, 92.5261,

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

78.6644, 92.5261, 64.1653

Protanopia

86.9820, 92.2860, 80.2464

Deuteranopia

88.8767, 92.0758, 93.2089

Tritanopia

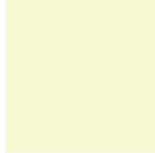
88.3140, 92.3646, 107.7813

Trichromacy



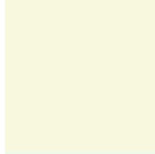
Original Color

78.6644, 92.5261, 64.1653



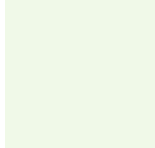
Protanomaly

83.8663, 92.1787, 74.3448



Deuteranomaly

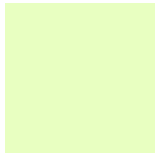
84.9763, 92.1294, 81.7106



Tritanomaly

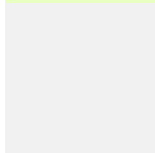
84.3764, 92.1028, 89.6744

Monochromacy



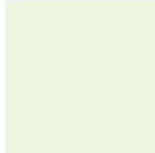
Original Color

78.6644, 92.5261, 64.1653



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.6702, 89.4705, 83.4861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6644, 92.5261, 64.1653 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(232, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 193)  
}
```

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(232, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 193) }
```

Border

The CSS property to change the border of an element to XYZ 78.6644, 92.5261, 64.1653 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(232, 255, 193) }
```


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

```
.border{ border-color:rgb(232, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6644, 92.5261, 64.1653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 193) }
```

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

```
.background{ background-color: rgb(232,  
255, 193) }
```

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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