

Converting Colors

XYZ(78.2208, 92.3198, 63.1320)

Have a look what the booklet for
XYZ(78.2208, 92.3198, 63.1320)
contains.

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Color

**XYZ(78.1190, 92.2705,
62.9829)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFBF
RGB	231, 255, 191
RGB Percent	91%, 100%, 75%
CMY	0.0941, 0.0000, 0.2510
CMYK	0.09, 0.00, 0.25, 0.00
HSL	83°, 100%, 87%
HSV	83°, 25%, 100%
XYZ	78.1190, 92.2705, 62.9829
YIQ	240.5280, 6.2400, -24.9920

Conversions

Conversions Part 2

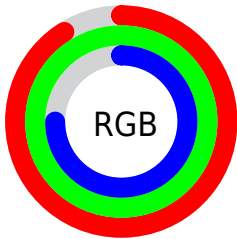
Format	Color
RYB	191, 255, 215
Decimal	15204287
CIELab	96.93, -18.41, 28.07
CIELCh	97, 33.568, 123.269
Yxy	92.2705, 0.3347, 0.3954
Android (android.graphics.Color)	4293394367 (0xFFE7FFBF)
YUV	240.5280, -24.4173, -8.3561
Hunter-Lab	96.0575, -22.9352, 28.3651

Details

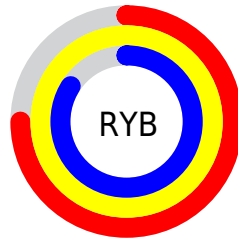
The XYZ color **78.1190, 92.2705, 62.9829** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.7061, 58.9299, 102.5720**, and the grayscale version is **83.4198, 87.7641, 95.5751**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **42.3886, 51.3083, 31.3363** is the 20% darker color. If you saturate the color by 10%, you get **72.5498, 89.6960, 49.3268**, and if you desaturate by 10%, it is **84.3465, 95.1279, 79.2227**.

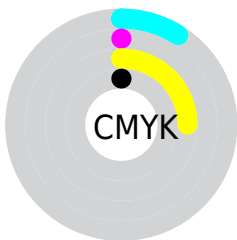
Distribution



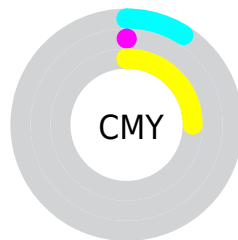
- Red (91%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1190, 92.2705, 62.9829 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 78.1190, 92.2705, 62.9829 by changing the saturation by 10% instead.


 78.1190, 92.2705,
62.9829

 78.1190, 92.2705,
62.9829


477.4045,
535.3893, 453.6137

 58.4749, 69.8653,
45.3865


 129.6823,
150.4882, 110.7302

 42.4353, 51.4167,
31.4168


162.3323,
187.0696, 141.7181

 29.6349, 36.5404,
20.6553


200.0481,
229.1451, 178.0069

 19.7083, 24.8518,
12.6835

243.1953,
277.0992, 220.0152

 12.2902, 15.9667,
7.0828

292.1392,
331.3163, 268.1615

 7.0152, 9.5006,
3.4347

347.2451,

 3.5181, 5.0691,

392.1808, 322.8643

1.3207

408.8784,
460.0770, 384.5422

■ 1.4333, 2.2879,
0.0786

■ 0.2797, 0.7673,
0.0000

■ 78.1190, 92.2705,
62.9829

■ 78.1190, 92.2705,
62.9829

■ 72.5498, 89.6960,
49.3268

■ 84.3465, 95.1279,
79.2227

■ 67.6094, 87.3921,
38.1168

■ 91.2568, 98.2782,
98.1661

■ 63.2679, 85.3467,
29.2089

95.0500, 100.0000,
108.9000

■ 59.4921, 83.5460,
22.4421

■ 56.2446, 81.9749,
17.6349

■ 53.4822, 80.6157,
14.5755

■ 51.1524, 79.4470,
13.0030

■ 50.1326, 78.9293,
12.5926

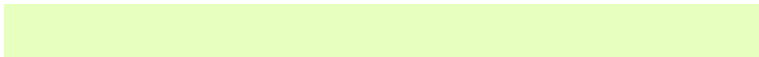
Harmonies

Analogous

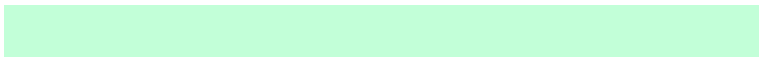
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.6697, 92.2705, 57.0063



78.1190, 92.2705, 62.9829



72.4733, 92.2705, 78.8600

Triad

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



78.1190, 92.2705, 62.9829



79.7899, 92.2705, 154.3884



107.0902, 92.2705, 97.5327

Complementary

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



78.1190, 92.2705, 62.9829



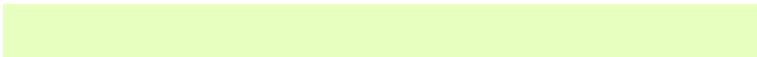
64.7061, 58.9299, 102.5720

Split Complementary

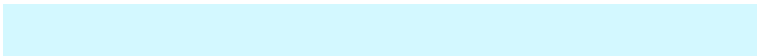
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.9235, 92.2705, 125.6987



78.1190, 92.2705, 62.9829



88.7391, 92.2705, 161.7859

Square

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



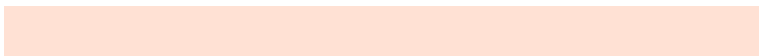
78.1190, 92.2705, 62.9829



73.3883, 92.2705, 131.7527



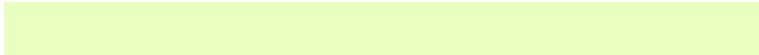
98.0347, 92.2705, 150.4759



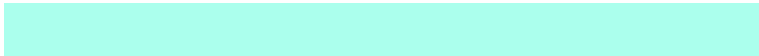
103.7618, 92.2705, 74.5728

Rectangle

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



78.1190, 92.2705, 62.9829



70.8876, 92.2705, 94.4989



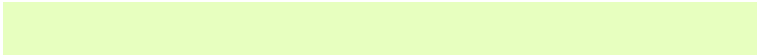
98.0347, 92.2705, 150.4759



106.9811, 92.2705, 106.6810

Sweetspot

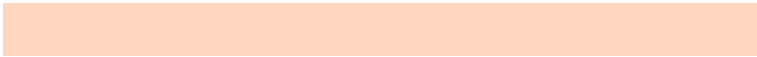
The Sweet Spot groups the original color and five complimentary colors.



78.1195, 92.2708, 62.9843



89.1790, 97.3329, 92.3815



74.8094, 73.3521, 59.5070



18.8625, 20.7305, 19.1516



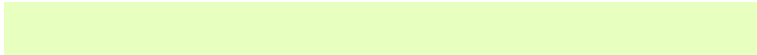
0.0000, 0.0000, 0.0000



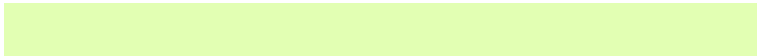
20.3446, 21.4041, 23.3091

Same Dimension

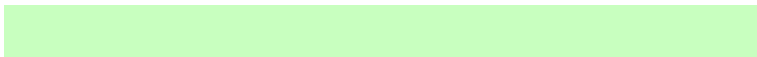
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1195, 92.2708, 62.9843



75.3083, 90.9738, 55.9737



68.8597, 87.4972, 62.5509



18.8625, 20.7305, 19.1516



26.3662, 41.3304, 6.5879



2.6883, 4.0866, 0.6471

Inverse Universe

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



64.7061, 58.9299, 102.5720



59.8546, 52.5526, 101.5967



74.8514, 64.1600, 103.0468



17.6466, 17.7095, 22.7382



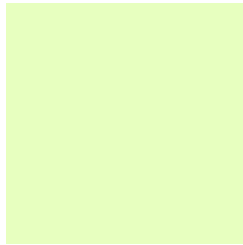
12.0831, 5.1395, 49.7898



1.2928, 0.5604, 4.8533

Previews

White Background



This preview shows how the XYZ color 78.1190, 92.2705, 62.9829 looks on a white background.

Color Contrast Check

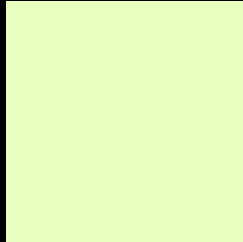
Large Text (above 18pt) WCAG AA × Fail

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 78.1190, 92.2705, 62.9829 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

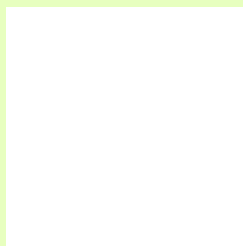
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.1190, 92.2705, 62.9829

Background



This preview shows how black text looks on a background with the XYZ color 78.1190, 92.2705, 62.9829.

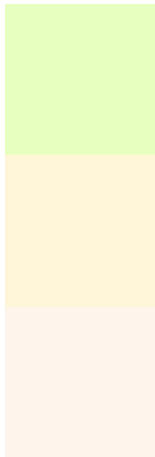


This preview shows how white text looks on a background with the XYZ color 78.1190, 92.2705,

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

78.1190, 92.2705, 62.9829

Protanopia

86.7202, 92.1813, 78.8678

Deuteranopia

88.7310, 92.0175, 92.4414

Tritanopia

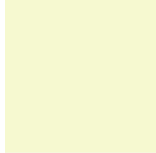
88.3140, 92.3646, 107.7813

Trichromacy



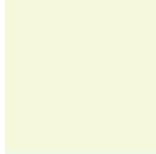
Original Color

78.1190, 92.2705, 62.9829



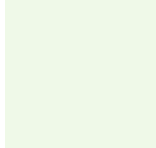
Protanomaly

83.2669, 91.8983, 73.0240



Deuteranomaly

84.4917, 91.8949, 80.9945



Tritanomaly

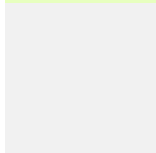
84.0378, 91.9283, 89.6586

Monochromacy



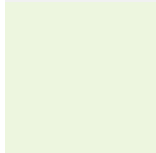
Original Color

78.1190, 92.2705, 62.9829



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.2001, 89.2438, 82.7581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1190, 92.2705, 62.9829 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(231, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 191)  
}
```

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(231, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 191) }
```

Border

The CSS property to change the border of an element to XYZ 78.1190, 92.2705, 62.9829 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(231, 255, 191) }
```


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

```
.border{ border-color:rgb(231, 255, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1190, 92.2705, 62.9829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 191) }
```

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

```
.background{ background-color: rgb(231,  
255, 191) }
```

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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