

Converting Colors

XYZ(103.6705, 94.6326,
62.0280)

Have a look what the booklet for
XYZ(103.6705, 94.6326, 62.0280)
contains.

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Color

**XYZ(79.2199, 82.1734,
60.9759)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7BF
RGB	255, 231, 191
RGB Percent	100%, 91%, 75%
CMY	0.0000, 0.0941, 0.2510
CMYK	0.00, 0.09, 0.25, 0.00
HSL	38°, 100%, 87%
HSV	38°, 25%, 100%
XYZ	79.2199, 82.1734, 60.9759
YIQ	233.6160, 27.1440, -7.3520

Conversions

Conversions Part 2

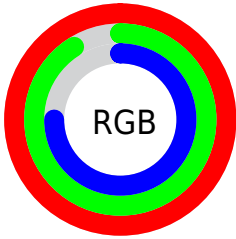
Format	Color
R _Y B	229, 255, 191
Decimal	16771007
CIE Lab	92.65, 2.22, 22.48
CIE LCh	93, 22.587, 84.357
Yxy	82.1734, 0.3563, 0.3695
Android (android.graphics.Color)	4294961087 (0xFFFFE7BF)
YUV	233.6160, -21.0097, 18.7538
Hunter-Lab	90.6495, -2.6431, 23.5729

Details

The XYZ color **79.2199, 82.1734, 60.9759** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.8356, 66.8952, 104.1553**, and the grayscale version is **78.0575, 82.1226, 89.4315**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **43.3294, 44.8626, 30.0425** is the 20% darker color. If you saturate the color by 10%, you get **74.0517, 75.9437, 46.5929**, and if you desaturate by 10%, it is **85.0268, 88.8982, 77.9841**.

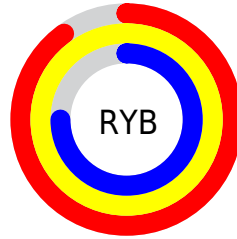
Distribution



Red (100%)

Green (91%)

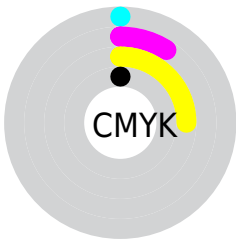
Blue (75%)



Red (90%)

Yellow (100%)

Blue (75%)

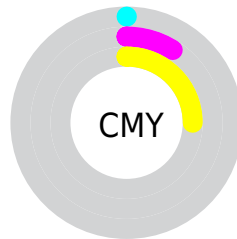


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2199, 82.1734, 60.9759 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 79.2199, 82.1734, 60.9759 by changing the saturation by 10% instead.


 79.2199, 82.1734,
60.9759

 79.2199, 82.1734,
60.9759


481.0766,
502.2275, 446.0897

 59.3829, 61.5085,
43.7753


 131.2247,
136.4171, 107.8012

 43.1690, 44.6357,
30.1580


164.1232,
170.7647, 138.2630

 30.2128, 31.1705,
19.7055


202.1062,
210.4420, 173.9823

 20.1490, 20.7287,
11.9992

245.5391,
255.8334, 215.3776

 12.6123, 12.9259,
6.6206

294.7872,
307.3232, 262.8674

 7.2373, 7.3775,
3.1511

350.2159,

 3.6586, 3.6993,

365.2959, 316.8704

1.1723

412.1906,
430.1359, 377.8050

■ 1.5109, 1.5068,
0.0000

■ 0.3332, 0.2935,
0.0000

■ 79.2199, 82.1734,
60.9759

■ 79.2199, 82.1734,
60.9759

■ 74.0517, 75.9437,
46.5929

■ 85.0268, 88.8982,
77.9841

■ 69.4887, 70.1834,
34.6960

■ 91.4923, 96.1210,
97.7369

■ 65.5029, 64.8803,
25.1406

95.0500, 100.0000,
108.9000

■ 62.0614, 60.0175,
17.7652

■ 59.1271, 55.5761,
12.3874

■ 56.6574, 51.5349,
8.7950

■ 54.6000, 47.8689,
6.7260

■ 53.7066, 46.1931,
6.0855

Harmonies

Analogous

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



84.8754, 82.1734, 65.6651



79.2199, 82.1734, 60.9759



73.5350, 82.1734, 63.1095

Triad

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



79.2199, 82.1734, 60.9759



68.2543, 82.1734, 103.4948



87.6514, 82.1734, 109.6886

Complementary

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



79.2199, 82.1734, 60.9759



63.8356, 66.8952, 104.1553

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.



82.8571, 82.1734, 122.3131



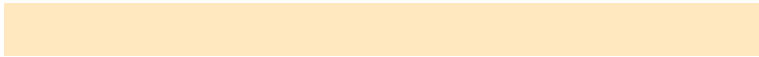
79.2199, 82.1734, 60.9759



71.7015, 82.1734, 118.4347

Square

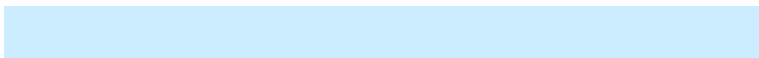
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2199, 82.1734, 60.9759



67.3888, 82.1734, 86.3279



76.9973, 82.1734, 125.6986



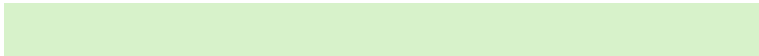
89.8974, 82.1734, 92.6933

Rectangle

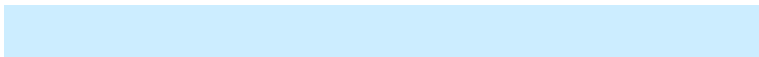
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2199, 82.1734, 60.9759



70.4664, 82.1734, 68.2703



76.9973, 82.1734, 125.6986



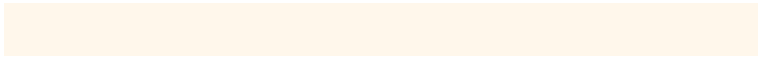
86.2731, 82.1734, 114.6652

Sweetspot

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



79.2219, 82.1770, 60.9776



89.5461, 93.9720, 91.7134



72.2058, 63.4562, 73.0933



18.9555, 19.8791, 18.9823



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.



79.2219, 82.1770, 60.9776



76.6094, 79.0609, 53.6057



83.7104, 95.1530, 63.2456



18.9555, 19.8791, 18.9823



28.2110, 24.4333, 3.2292



2.8519, 2.5891, 0.3494

Inverse Universe

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



63.8356, 66.8952, 104.1553



58.8817, 61.4575, 103.3668



60.0936, 56.5519, 102.3561



17.5609, 18.4935, 22.8940



11.7297, 8.3689, 50.4317



1.2429, 1.0165, 4.9440

Previews

White Background



This preview shows how the XYZ color 79.2199, 82.1734, 60.9759 looks on a white background.

Color Contrast Check

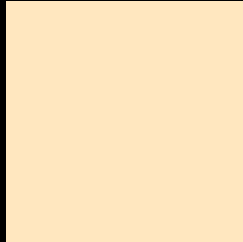
Large Text (above 18pt) WCAG AA × Fail

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 79.2199, 82.1734, 60.9759 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 79.2199, 82.1734, 60.9759

Background



This preview shows how black text looks on a background with the XYZ color 79.2199, 82.1734, 60.9759.

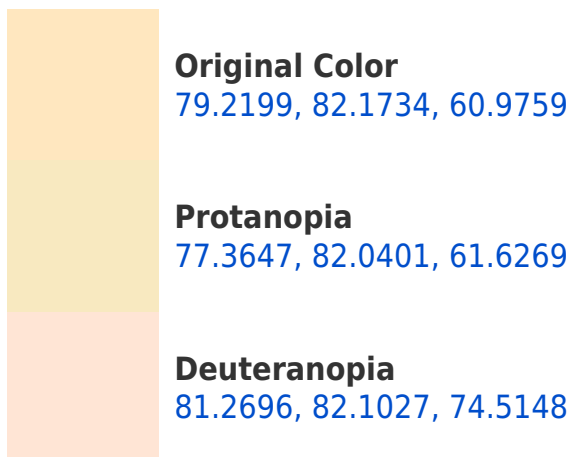


This preview shows how white text looks on a background with the XYZ color 79.2199, 82.1734,

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

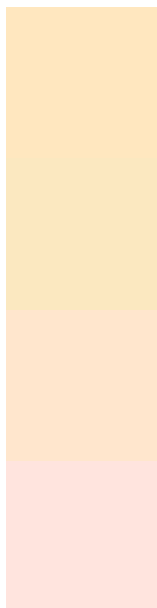




Tritanopia

84.1645, 81.9440, 93.8189

Trichromacy



Original Color

79.2199, 82.1734, 60.9759

Protanomaly

78.1547, 82.0282, 61.5830

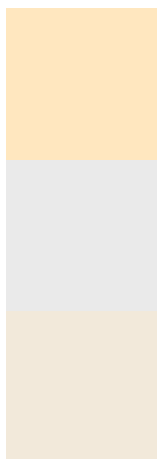
Deuteranomaly

80.5563, 82.2614, 69.3899

Tritanomaly

82.1682, 82.0207, 80.6081

Monochromacy



Original Color

79.2199, 82.1734, 60.9759

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.4118, 82.2170, 78.0664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2199, 82.1734, 60.9759 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(255, 231, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 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(255, 231, 191) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 79.2199, 82.1734, 60.9759 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(255, 231, 191) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 79.2199, 82.1734, 60.9759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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