

Converting Colors

XYZ(79.2936, 82.6704, 59.9225)

Have a look what the booklet for
XYZ(79.2936, 82.6704, 59.9225)
contains.

XYZ(79.2819, 82.6473, 59.9180)	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(79.2819, 82.6473,
59.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8BD
RGB	255, 232, 189
RGB Percent	100%, 91%, 74%
CMY	0.0000, 0.0902, 0.2588
CMYK	0.00, 0.09, 0.26, 0.00
HSL	39°, 100%, 87%
HSV	39°, 26%, 100%
XYZ	79.2819, 82.6473, 59.9180
YIQ	233.9750, 27.5110, -8.4970

Conversions

Conversions Part 2

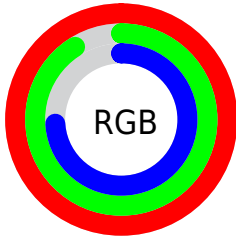
Format	Color
R _Y B	224, 255, 189
Decimal	16771261
CIE Lab	92.86, 1.45, 23.80
CIE LCh	93, 23.839, 86.524
Yxy	82.6473, 0.3574, 0.3725
Android (android.graphics.Color)	4294961341 (0xFFFFE8BD)
YUV	233.9750, -22.1727, 18.4389
Hunter-Lab	90.9106, -3.4260, 24.5601

Details

The XYZ color **79.2819, 82.6473, 59.9180** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.5791, 65.1238, 103.8796**, and the grayscale version is **78.3375, 82.4171, 89.7522**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **43.1872, 44.8057, 29.2938** is the 20% darker color. If you saturate the color by 10%, you get **74.3162, 76.7630, 45.7864**, and if you desaturate by 10%, it is **84.8647, 88.9865, 76.6582**.

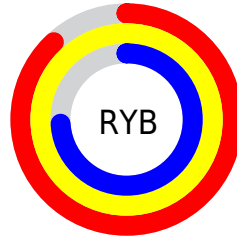
Distribution



Red (100%)

Green (91%)

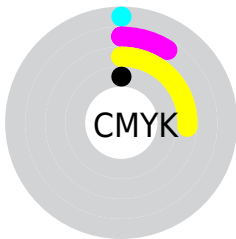
Blue (74%)



Red (88%)

Yellow (100%)

Blue (74%)

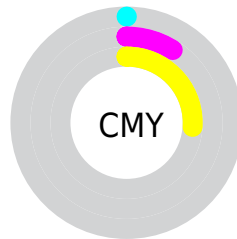


Cyan (0%)

Magenta (9%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2819, 82.6473, 59.9180 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 79.2819, 82.6473, 59.9180 by changing the saturation by 10% instead.


 79.2819, 82.6473,
59.9180

 79.2819, 82.6473,
59.9180


481.2830,
503.8103, 442.0917

 59.4340, 61.8992,
42.9277


 131.3115,
137.0814, 106.2529

 43.2103, 44.9513,
29.4974


164.2239,
171.5362, 136.4346

 30.2454, 31.4191,
19.2086


202.2219,
211.3286, 171.8505

 20.1739, 20.9182,
11.6428

245.6709,
256.8432, 212.9191

 12.6305, 13.0642,
6.3814

294.9361,
308.4643, 260.0590

 7.2499, 7.4728,
3.0058

350.3829,

 3.6666, 3.7595,

366.5762, 313.6887

1.0976

412.3768,
431.5634, 374.2267

■ 1.5153, 1.5399,
0.0000

■ 0.3362, 0.3166,
0.0000

■ 79.2819, 82.6473,
59.9180

■ 79.2819, 82.6473,
59.9180

■ 74.3162, 76.7630,
45.7864

■ 84.8647, 88.9865,
76.6582

■ 69.9344, 71.3087,
34.1235

■ 91.0841, 95.7826,
96.1268

■ 66.1087, 66.2731,
24.7839

95.0500, 100.0000,
108.9000

■ 62.8064, 61.6402,
17.6047

■ 59.9906, 57.3919,
12.4020

■ 57.6187, 53.5079,
8.9604

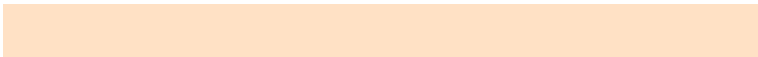
■ 55.6380, 49.9639,
7.0132

■ 54.9050, 48.5899,
6.4850

Harmonies

Analogous

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



85.3447, 82.6473, 64.3102



79.2819, 82.6473, 59.9180



73.3273, 82.6473, 62.6628

Triad

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



79.2819, 82.6473, 59.9180



68.3206, 82.6473, 106.1869



88.9699, 82.6473, 110.2587

Complementary

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



79.2819, 82.6473, 59.9180



62.5791, 65.1238, 103.8796

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.



84.0229, 82.6473, 124.2884



79.2819, 82.6473, 59.9180



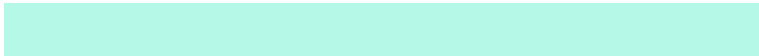
72.1330, 82.6473, 121.7280

Square

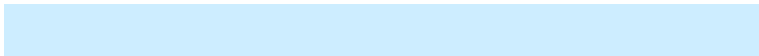
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2819, 82.6473, 59.9180



67.1986, 82.6473, 87.9260



77.8301, 82.6473, 128.7384



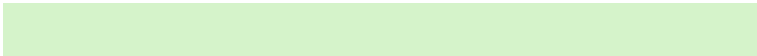
91.1211, 82.6473, 92.0838

Rectangle

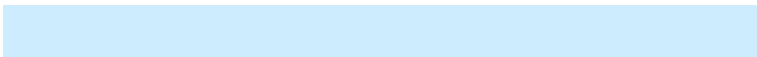
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2819, 82.6473, 59.9180



70.1818, 82.6473, 68.3976



77.8301, 82.6473, 128.7384



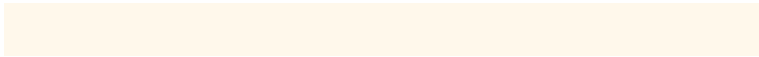
87.5665, 82.6473, 115.7039

Sweetspot

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



79.2839, 82.6510, 59.9197



89.7121, 94.3039, 91.7687



71.3345, 62.4146, 70.6418



18.9973, 19.9629, 18.9963



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

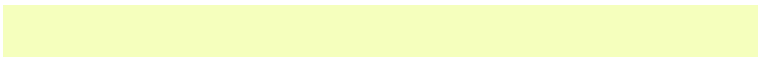
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2839, 82.6510, 59.9197



76.6663, 79.5822, 52.3685



82.6367, 94.6247, 62.0542



18.9973, 19.9629, 18.9963



28.8342, 25.6796, 3.4369



2.9099, 2.7051, 0.3688

Inverse Universe

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



62.5791, 65.1238, 103.8796



57.4153, 59.3884, 103.0447



59.7751, 55.7447, 102.2171



17.5206, 18.4127, 22.8805



11.4168, 7.7432, 50.3274



1.2093, 0.9492, 4.9328

Previews

White Background



This preview shows how the XYZ color 79.2819, 82.6473, 59.9180 looks on a white background.

Color Contrast Check

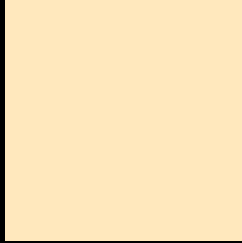
Large Text (above 18pt) WCAG AA × Fail

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 79.2819, 82.6473, 59.9180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

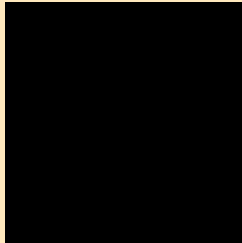
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2819, 82.6473, 59.9180

Background



This preview shows how black text looks on a background with the XYZ color 79.2819, 82.6473, 59.9180.



This preview shows how white text looks on a background with the XYZ color 79.2819, 82.6473,

59.9180.

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

79.2819, 82.6473, 59.9180

Protanopia

77.7840, 82.7031, 60.5788

Deuteranopia

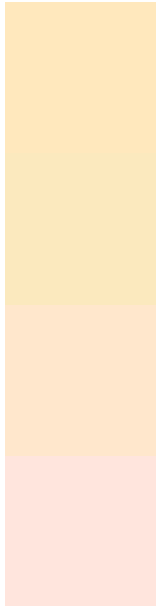
81.5471, 82.6577, 74.6073



Tritanopia

84.4373, 82.4894, 93.9098

Trichromacy



Original Color

79.2819, 82.6473, 59.9180

Protanomaly

78.2168, 82.5048, 60.5177

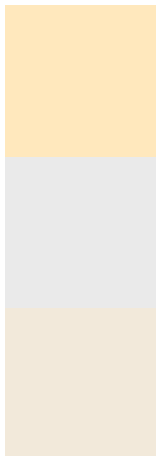
Deuteranomaly

80.7150, 82.7715, 68.8491

Tritanomaly

82.3105, 82.5191, 79.9962

Monochromacy



Original Color

79.2819, 82.6473, 59.9180

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 79.2819, 82.6473, 59.9180 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, 232, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 189)  
}
```

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, 232, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 189) }
```

Border

The CSS property to change the border of an element to XYZ 79.2819, 82.6473, 59.9180 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, 232, 189) }
```


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

```
.border{ border-color:rgb(255, 232, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2819, 82.6473, 59.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 189) }
```

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

```
.background{ background-color: rgb(255,  
232, 189) }
```

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