

Converting Colors

XYZ(112.8824, 100.0000,
62.7543)

Have a look what the booklet for
XYZ(112.8824, 100.0000, 62.7543)
contains.

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Color

**XYZ(79.5006, 82.7348,
61.0695)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8BF
RGB	255, 232, 191
RGB Percent	100%, 91%, 75%
CMY	0.0000, 0.0902, 0.2510
CMYK	0.00, 0.09, 0.25, 0.00
HSL	38°, 100%, 87%
HSV	38°, 25%, 100%
XYZ	79.5006, 82.7348, 61.0695
YIQ	234.2030, 26.8690, -7.8750

Conversions

Conversions Part 2

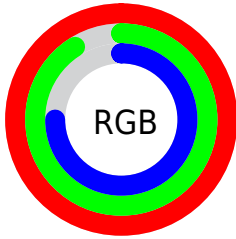
Format	Color
RYB	227, 255, 191
Decimal	16771263
CIELab	92.90, 1.71, 22.82
CIELCh	93, 22.883, 85.709
Yxy	82.7348, 0.3560, 0.3705
Android (android.graphics.Color)	4294961343 (0xFFFFE8BF)
YUV	234.2030, -21.2991, 18.2390
Hunter-Lab	90.9587, -3.1633, 23.8639

Details

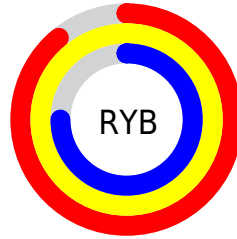
The XYZ color **79.5006, 82.7348, 61.0695** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.5818, 66.3875, 104.0707**, and the grayscale version is **78.5042, 82.5926, 89.9433**.

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 **74.4235, 76.6872, 46.7169**, and if you desaturate by 10%, it is **85.2048, 89.2541, 78.0435**.

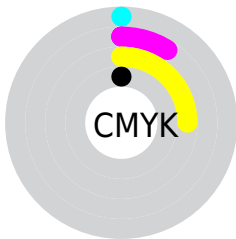
Distribution



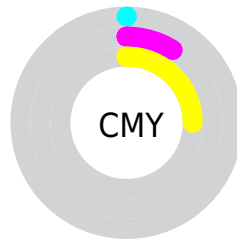
- Red (100%)
- Green (91%)
- Blue (75%)



- Red (89%)
- 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 79.5006, 82.7348, 61.0695 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 79.5006, 82.7348, 61.0695 by changing the saturation by 10% instead.


 79.5006, 82.7348,
61.0695

 79.5006, 82.7348,
61.0695


482.0104,
504.1023, 446.4424

 59.6145, 61.9714,
43.8503


 131.6176,
137.2040, 107.9381

 43.3563, 45.0096,
30.2165


164.5792,
171.6785, 138.4246

 30.3605, 31.4650,
19.7496


202.6301,
211.4922, 174.1706

 20.2618, 20.9532,
12.0309

246.1356,
257.0295, 215.5946

 12.6949, 13.0898,
6.6419

295.4610,
308.6748, 263.1153

 7.2943, 7.4904,
3.1641

350.9717,

 3.6948, 3.7706,

366.8124, 317.1512

1.1790

413.0331,
431.8267, 378.1207

■ 1.5310, 1.5461,
0.0000

■ 0.3468, 0.3208,
0.0000

■ 79.5006, 82.7348,
61.0695

■ 79.5006, 82.7348,
61.0695

■ 74.4235, 76.6872,
46.7169

■ 85.2048, 89.2541,
78.0435

■ 69.9401, 71.0862,
34.8465

■ 91.5555, 96.2474,
97.7580

■ 66.0228, 65.9201,
25.3139

95.0500, 100.0000,
108.9000

■ 62.6389, 61.1726,
17.9577

■ 59.7518, 56.8255,
12.5957

■ 57.3190, 52.8582,
9.0155

■ 55.2888, 49.2464,
6.9556

■ 54.4051, 47.5901,
6.3184

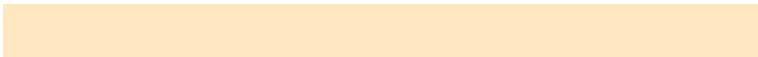
Harmonies

Analogous

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



85.2960, 82.7348, 65.5201



79.5006, 82.7348, 61.0695



73.7527, 82.7348, 63.5471

Triad

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



79.5006, 82.7348, 61.0695



68.7233, 82.7348, 105.1409



88.5264, 82.7348, 109.9441

Complementary

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



79.5006, 82.7348, 61.0695



63.5818, 66.3875, 104.0707

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.



83.7322, 82.7348, 123.1387



79.5006, 82.7348, 61.0695



72.3339, 82.7348, 120.1282

Square

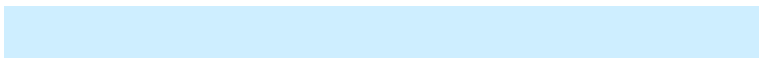
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5006, 82.7348, 61.0695



67.7170, 82.7348, 87.6421



77.7796, 82.7348, 127.0822



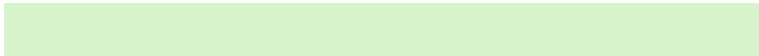
90.6719, 82.7348, 92.5711

Rectangle

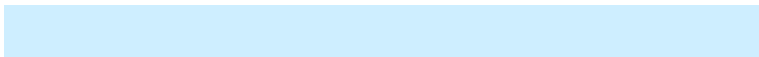
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5006, 82.7348, 61.0695



70.6887, 82.7348, 68.9860



77.7796, 82.7348, 127.0822



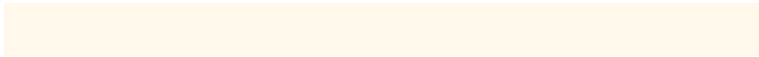
87.1597, 82.7348, 115.0971

Sweetspot

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



79.5026, 82.7385, 61.0712



89.6438, 94.1675, 91.7460



72.0687, 63.4014, 72.3714



18.9801, 19.9284, 18.9905



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

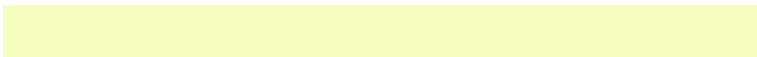
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5026, 82.7385, 61.0712



76.9362, 79.7145, 53.7146



83.3342, 94.9590, 63.2281



18.9801, 19.9284, 18.9905



28.5744, 25.1599, 3.3503



2.8857, 2.6568, 0.3607

Inverse Universe

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



63.5818, 66.3875, 104.0707



58.5929, 60.8799, 103.2706



60.3766, 56.6979, 102.3693



17.5371, 18.4458, 22.8860



11.5421, 7.9937, 50.3692



1.2228, 0.9763, 4.9373

Previews

White Background



This preview shows how the XYZ color 79.5006, 82.7348, 61.0695 looks on a white background.

Color Contrast Check

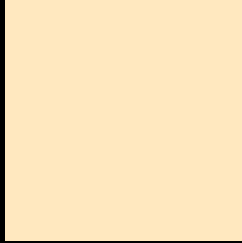
Large Text (above 18pt) WCAG AA × Fail

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 79.5006, 82.7348, 61.0695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

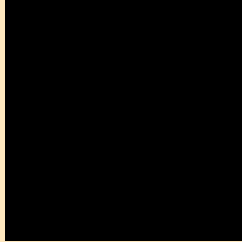
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5006, 82.7348, 61.0695

Background



This preview shows how black text looks on a background with the XYZ color 79.5006, 82.7348, 61.0695.



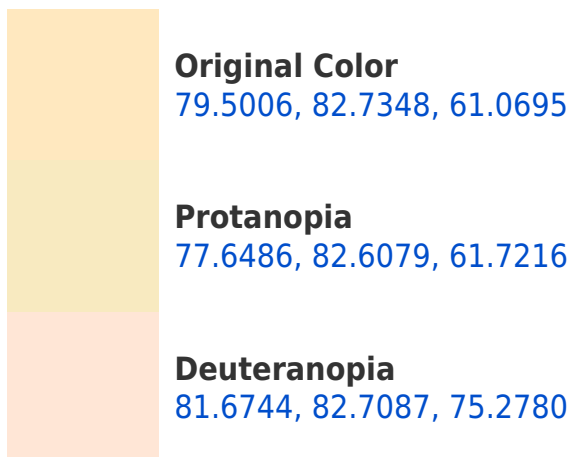
This preview shows how white text looks on a background with the XYZ color 79.5006, 82.7348,

61.0695.

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

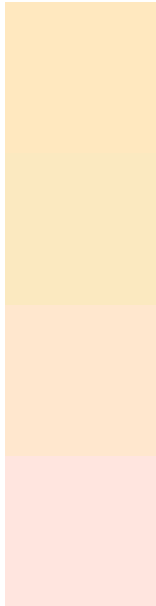




Tritanopia

84.5863, 82.5490, 94.6945

Trichromacy



Original Color

79.5006, 82.7348, 61.0695

Protanomaly

78.4370, 82.5928, 61.6771

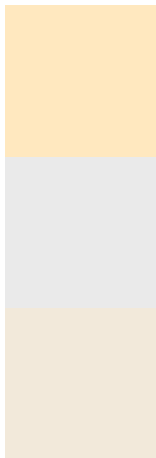
Deuteranomaly

80.9565, 82.8681, 70.1208

Tritanomaly

82.5786, 82.6263, 81.4082

Monochromacy



Original Color

79.5006, 82.7348, 61.0695

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 79.5006, 82.7348, 61.0695 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 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, 232, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 191) }
```

Border

The CSS property to change the border of an element to XYZ 79.5006, 82.7348, 61.0695 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, 191) }
```


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

```
.border{ border-color:rgb(255, 232, 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, 232, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5006, 82.7348, 61.0695 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, 191) }
```

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

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