

Converting Colors

XYZ(77.8639, 83.3282, 61.8513)

Have a look what the booklet for
XYZ(77.8639, 83.3282, 61.8513)
contains.

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Color

**XYZ(77.5805, 82.9966,
61.8002)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EBC0
RGB	247, 235, 192
RGB Percent	97%, 92%, 75%
CMY	0.0314, 0.0784, 0.2471
CMYK	0.00, 0.05, 0.22, 0.03
HSL	47°, 77%, 86%
HSV	47°, 22%, 97%
XYZ	77.5805, 82.9966, 61.8002
YIQ	233.6860, 20.9550, -10.8290

Conversions

Conversions Part 2

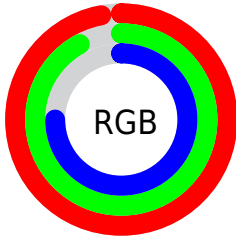
Format	Color
RYB	207, 247, 192
Decimal	16247744
CIELab	93.01, -2.61, 22.36
CIELCh	93, 22.512, 96.647
Yxy	82.9966, 0.3489, 0.3732
Android (android.graphics.Color)	4294437824 (0xFFFF7EBC0)
YUV	233.6860, -20.5512, 11.6764
Hunter-Lab	91.1025, -7.4234, 23.5518

Details

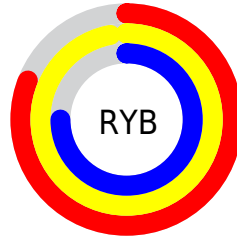
The XYZ color **77.5805, 82.9966, 61.8002** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.1192, 61.1060, 96.6220**, and the grayscale version is **78.1105, 82.1783, 89.4922**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **41.9427, 45.0223, 30.5243** is the 20% darker color. If you saturate the color by 10%, you get **73.5520, 78.9576, 48.0695**, and if you desaturate by 10%, it is **82.1194, 87.3202, 77.9690**.

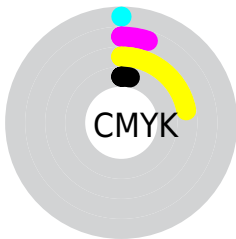
Distribution



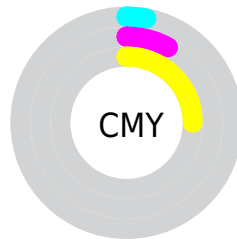
- Red (97%)
- Green (92%)
- Blue (75%)



- Red (81%)
- Yellow (97%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (3%)



- Cyan (3%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5805, 82.9966, 61.8002 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 77.5805, 82.9966, 61.8002 by changing the saturation by 10% instead.

77.5805, 82.9966,
61.8002

77.5805, 82.9966,
61.8002

475.6026,
504.9752, 449.1894

58.0310, 62.1873,
44.4365

128.9271,
137.5707, 109.0055

42.0769, 45.1841,
30.6741

161.4549,
172.1043, 139.6842

29.3529, 31.6025,
20.0944

199.0396,
211.9816, 175.6384

19.4936, 21.0580,
12.2790

242.0464,
257.5867, 217.2865

12.1336, 13.1664,
6.8091

290.8408,
309.3043, 265.0471

6.9076, 7.5433,
3.2664

345.7880,

3.4502, 3.8041,

367.5186, 319.3388

1.2322

407.2535,
432.6141, 380.5800

■ 1.3961, 1.5646,
0.0052

■ 0.2534, 0.3336,
0.0000

■ 77.5805, 82.9966,
61.8002

■ 77.5805, 82.9966,
61.8002

■ 73.5520, 78.9576,
48.0695

■ 82.1194, 87.3202,
77.9690

■ 70.0040, 75.1820,
36.6507

■ 87.1840, 91.9266,
96.6829

■ 66.9135, 71.6628,
27.4146

■ 90.9570, 96.0924,
108.3615

■ 64.2527, 68.3882,
20.2166

■ 92.1679, 98.5142,
108.7651

■ 61.9904, 65.3451,
14.8951

■ 60.0908, 62.5185,
11.2635

■ 58.5107, 59.8904,
9.0968

■ 57.4575, 57.9735,
8.1617

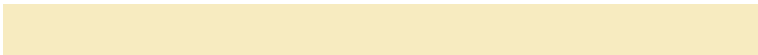
Harmonies

Analogous

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



83.4661, 82.9966, 63.7149



77.5805, 82.9966, 61.8002



72.3097, 82.9966, 66.7393

Triad

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



77.5805, 82.9966, 61.8002



70.1339, 82.9966, 111.1704



89.7600, 82.9966, 103.8616

Complementary

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



77.5805, 82.9966, 61.8002



60.1192, 61.1060, 96.6220

Split Complementary

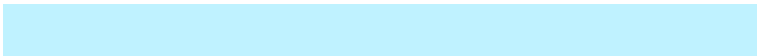
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8490, 82.9966, 119.0065



77.5805, 82.9966, 61.8002



74.4762, 82.9966, 123.5801

Square

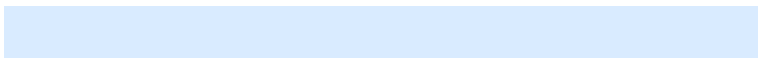
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.5805, 82.9966, 61.8002



68.1510, 82.9966, 94.1806



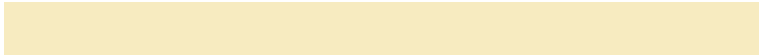
80.2056, 82.9966, 126.6128



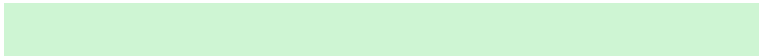
90.6924, 82.9966, 86.6620

Rectangle

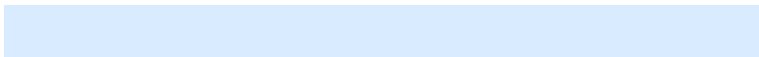
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.5805, 82.9966, 61.8002



69.7887, 82.9966, 73.6661



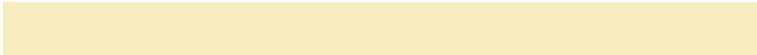
80.2056, 82.9966, 126.6128



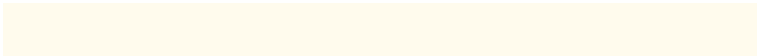
88.7409, 82.9966, 109.4236

Sweetspot

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



77.5827, 83.0003, 61.8020



91.0787, 96.4446, 94.0510



68.2075, 61.8742, 66.0012



19.4242, 20.5790, 19.8706



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.



77.5827, 83.0003, 61.8020



81.2746, 87.1229, 59.0708



76.1628, 87.5394, 62.7529



17.5901, 18.6644, 17.4730



30.4964, 30.8785, 4.3528



2.7545, 2.8622, 0.4073

Inverse Universe

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



60.1192, 61.1060, 96.6220



59.2613, 59.5281, 102.9744



61.2782, 57.6332, 95.8906



15.8741, 16.5126, 20.8932



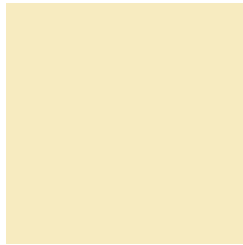
9.6579, 5.1096, 47.0153



0.9216, 0.5947, 4.1564

Previews

White Background



This preview shows how the XYZ color 77.5805, 82.9966, 61.8002 looks on a white background.

Color Contrast Check

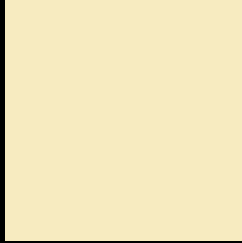
Large Text (above 18pt) WCAG AA × Fail

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 77.5805, 82.9966, 61.8002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

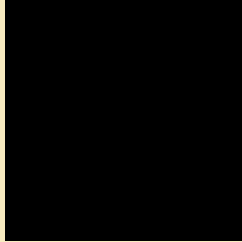
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5805, 82.9966, 61.8002

Background



This preview shows how black text looks on a background with the XYZ color 77.5805, 82.9966, 61.8002.

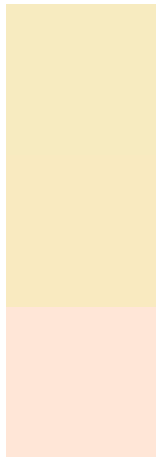


This preview shows how white text looks on a background with the XYZ color 77.5805, 82.9966,

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

77.5805, 82.9966, 61.8002

Protanopia

78.0042, 82.7911, 61.7382

Deuteranopia

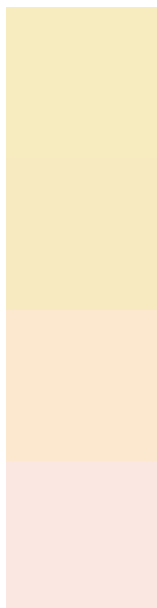
81.8026, 82.7599, 75.9528



Tritanopia

85.0979, 83.1502, 97.9507

Trichromacy



Original Color

77.5805, 82.9966, 61.8002

Protanomaly

77.6486, 82.6079, 61.7216

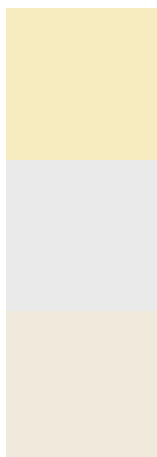
Deuteranomaly

80.2640, 82.9137, 70.8051

Tritanomaly

82.0870, 83.1520, 83.6750

Monochromacy



Original Color

77.5805, 82.9966, 61.8002

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.8056, 82.3108, 78.8046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5805, 82.9966, 61.8002 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(247, 235, 192)` looks like.

```
.text, #text, p{  
    color:rgb(247, 235, 192)  
}
```

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(247, 235, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 192) }
```

Border

The CSS property to change the border of an element to XYZ 77.5805, 82.9966, 61.8002 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(247, 235, 192) }
```


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

```
.border{ border-color:rgb(247, 235, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 235, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 235, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 235, 192);  
box-shadow:4px 4px 4px 4px rgb(247, 235,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5805, 82.9966, 61.8002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 192) }
```

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

```
.background{ background-color: rgb(247,  
235, 192) }
```

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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