

Converting Colors

XYZ(76.6558, 81.6720, 61.5872)

Have a look what the booklet for
XYZ(76.6558, 81.6720, 61.5872)
contains.

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Color

**XYZ(76.6594, 81.6764,
61.5939)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E9C0
RGB	246, 233, 192
RGB Percent	96%, 91%, 75%
CMY	0.0353, 0.0863, 0.2471
CMYK	0.00, 0.05, 0.22, 0.04
HSL	46°, 75%, 86%
HSV	46°, 22%, 96%
XYZ	76.6594, 81.6764, 61.5939
YIQ	232.2130, 20.9090, -9.9950

Conversions

Conversions Part 2

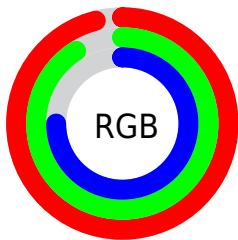
Format	Color
RYB	209, 246, 192
Decimal	16181696
CIELab	92.43, -1.96, 21.54
CIELCh	92, 21.632, 95.193
Yxy	81.6764, 0.3486, 0.3714
Android (android.graphics.Color)	4294371776 (0xFFFF6E9C0)
YUV	232.2130, -19.8250, 12.0912
Hunter-Lab	90.3750, -6.7460, 22.8542

Details

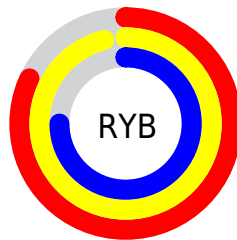
The XYZ color **76.6594, 81.6764, 61.5939** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.2039, 61.5216, 95.8911**, and the grayscale version is **76.9959, 81.0057, 88.2152**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **41.2959, 44.0981, 30.3800** is the 20% darker color. If you saturate the color by 10%, you get **72.5112, 77.3832, 47.8690**, and if you desaturate by 10%, it is **81.3238, 86.2717, 77.7404**.

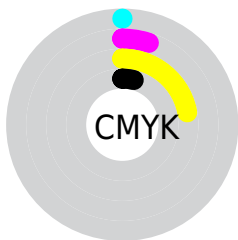
Distribution



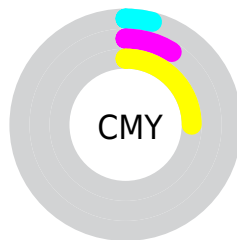
- Red (96%)
- Green (91%)
- Blue (75%)



- Red (82%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.6594, 81.6764, 61.5939 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 76.6594, 81.6764, 61.5939 by changing the saturation by 10% instead.


 76.6594, 81.6764,
61.5939

 76.6594, 81.6764,
61.5939


472.5117,
500.5646, 448.4149

 57.2723, 61.0988,
44.2710

 127.6340,
135.7201, 108.7043

 41.4649, 44.3049,
30.5448


159.9522,
169.9550, 139.3288

 28.8718, 30.9103,
19.9969


197.3115,
209.5112, 175.2243

 19.1277, 20.5306,
12.2088

240.0772,
254.7730, 216.8093

 11.8671, 12.7813,
6.7618

288.6148,
306.1249, 264.5023

 6.7248, 7.2781,
3.2374

343.2895,

 3.3354, 3.6366,

363.9512, 318.7219

1.2171

404.4667,
428.6363, 379.8866

■ 1.3335, 1.4725,
0.0000

■ 0.2081, 0.2692,
0.0000

■ 76.6594, 81.6764,
61.5939

■ 76.6594, 81.6764,
61.5939

■ 72.5112, 77.3832,
47.8690

■ 81.3238, 86.2717,
77.7404

■ 68.8495, 73.3708,
36.4412

■ 86.5195, 91.1675,
96.4145

■ 65.6515, 69.6321,
27.1826

■ 90.4804, 95.6611,
108.3034

■ 62.8894, 66.1552,
19.9508

■ 91.8163, 98.3330,
108.7487

■ 60.5325, 62.9267,
14.5861

■ 58.5454, 59.9316,
10.9049

■ 56.8854, 57.1519,
8.6858

■ 55.7345, 55.0494,
7.6881

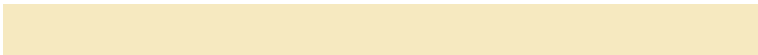
Harmonies

Analogous

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



82.2420, 81.6764, 63.7493



76.6594, 81.6764, 61.5939



71.5827, 81.6764, 66.0136

Triad

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



76.6594, 81.6764, 61.5939



69.1509, 81.6764, 107.9368



87.8325, 81.6764, 102.5232

Complementary

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



76.6594, 81.6764, 61.5939



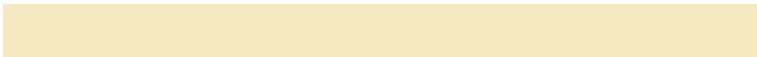
60.2039, 61.5216, 95.8911

Split Complementary

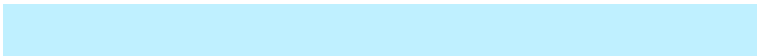
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.0107, 81.6764, 116.6211



76.6594, 81.6764, 61.5939



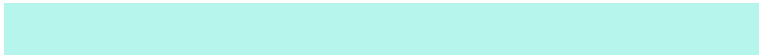
73.1956, 81.6764, 120.0009

Square

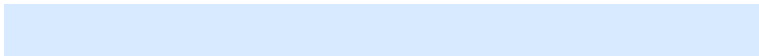
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6594, 81.6764, 61.5939



67.3831, 81.6764, 91.7553



78.6107, 81.6764, 123.3554



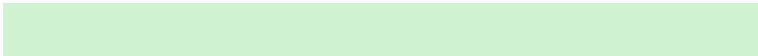
88.8685, 81.6764, 86.1667

Rectangle

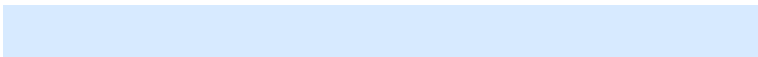
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.6594, 81.6764, 61.5939



69.1123, 81.6764, 72.4482



78.6107, 81.6764, 123.3554



86.8223, 81.6764, 107.7431

Sweetspot

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



76.6615, 81.6801, 61.5956



90.9529, 96.1930, 94.0091



67.9364, 61.7251, 66.4091



19.3950, 20.5207, 19.8609



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.



76.6615, 81.6801, 61.5956



81.2725, 86.6805, 60.4210



75.9122, 86.9576, 62.6538



17.5570, 18.5982, 17.4620



29.8633, 29.6121, 4.1417



2.7037, 2.7607, 0.3904

Inverse Universe

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



60.2039, 61.5216, 95.8911



60.7108, 61.4982, 103.2783



60.8002, 57.4046, 95.0650



15.9049, 16.5742, 20.9034



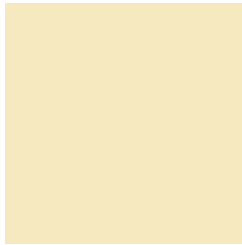
9.8095, 5.4128, 47.0658



0.9389, 0.6293, 4.1622

Previews

White Background



This preview shows how the XYZ color 76.6594, 81.6764, 61.5939 looks on a white background.

Color Contrast Check

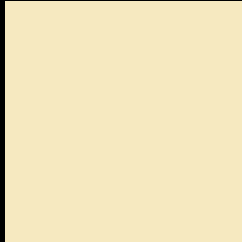
Large Text (above 18pt) WCAG AA × Fail

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 76.6594, 81.6764, 61.5939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

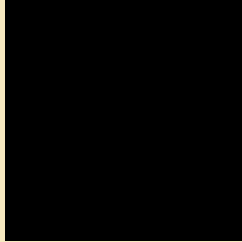
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.6594, 81.6764, 61.5939

Background



This preview shows how black text looks on a background with the XYZ color 76.6594, 81.6764, 61.5939.

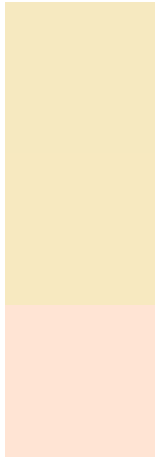


This preview shows how white text looks on a background with the XYZ color 76.6594, 81.6764,

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

76.6594, 81.6764, 61.5939

Protanopia

77.0111, 81.8578, 61.6104

Deuteranopia

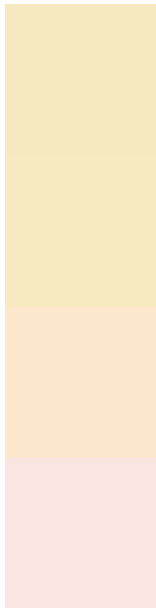
80.8671, 81.5003, 73.7563



Tritanopia

84.0335, 81.8070, 96.9492

Trichromacy



Original Color

76.6594, 81.6764, 61.5939

Protanomaly

77.0111, 81.8578, 61.6104

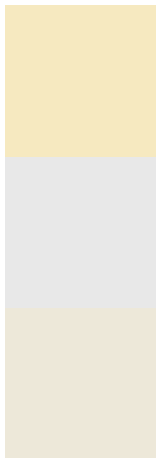
Deuteranomaly

79.4611, 81.6969, 69.3386

Tritanomaly

81.0343, 81.7989, 82.7520

Monochromacy



Original Color

76.6594, 81.6764, 61.5939

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.3061, 80.7275, 77.2058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6594, 81.6764, 61.5939 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(246, 233, 192)` looks like.

```
.text, #text, p{  
    color:rgb(246, 233, 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(246, 233, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 233, 192) }
```

Border

The CSS property to change the border of an element to XYZ 76.6594, 81.6764, 61.5939 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(246, 233, 192) }
```


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

```
.border{ border-color:rgb(246, 233, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 233, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 233, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 233, 192); box-shadow:4px 4px 4px 4px rgb(246, 233, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6594, 81.6764, 61.5939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 233, 192) }
```

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

```
.background{ background-color: rgb(246,  
233, 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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