

Converting Colors

XYZ(77.5163, 78.6339, 60.8159)

Have a look what the booklet for
XYZ(77.5163, 78.6339, 60.8159)
contains.

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Color

**XYZ(77.6796, 78.9162,
61.0074)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1C0
RGB	255, 225, 192
RGB Percent	100%, 88%, 75%
CMY	0.0000, 0.1176, 0.2471
CMYK	0.00, 0.12, 0.25, 0.00
HSL	31°, 100%, 88%
HSV	31°, 25%, 100%
XYZ	77.6796, 78.9162, 61.0074
YIQ	230.2080, 28.4730, -3.9030

Conversions

Conversions Part 2

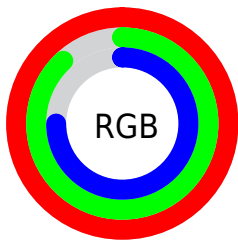
Format	Color
R _Y B	249, 255, 192
Decimal	16769472
CIE Lab	91.20, 5.42, 19.94
CIE LCh	91, 20.664, 74.786
Yxy	78.9162, 0.3570, 0.3627
Android (android.graphics.Color)	4294959552 (0xFFFFE1C0)
YUV	230.2080, -18.8365, 21.7426
Hunter-Lab	88.8348, 0.6245, 21.4669

Details

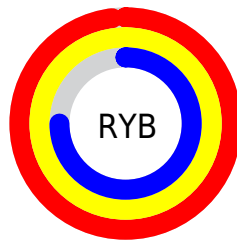
The XYZ color **77.6796, 78.9162, 61.0074** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.9088, 70.6669, 104.7740**, and the grayscale version is **75.4898, 79.4212, 86.4896**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **42.2509, 42.5902, 30.0386** is the 20% darker color. If you saturate the color by 10%, you get **71.9296, 71.5526, 46.3382**, and if you desaturate by 10%, it is **84.1566, 86.9495, 78.3358**.

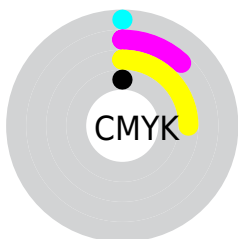
Distribution



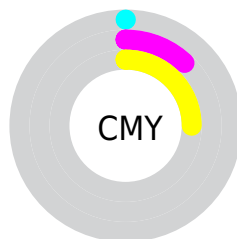
- Red (100%)
- Green (88%)
- Blue (75%)



- Red (98%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (12%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.6796, 78.9162, 61.0074 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 77.6796, 78.9162, 61.0074 by changing the saturation by 10% instead.


 77.6796, 78.9162,
61.0074

 77.6796, 78.9162,
61.0074


475.9345,
491.2728, 446.2084

 58.1127, 58.8269,
43.8005


 129.0661,
131.8409, 107.8473

 42.1429, 42.4738,
30.1777


161.6164,
165.4451, 138.3174

 29.4048, 29.4725,
19.7203

199.2253,
204.3230, 174.0457

 19.5331, 19.4385,
12.0098

242.2580,
248.8591, 215.4507

 12.1624, 11.9876,
6.6278

291.0799,
299.4377, 262.9509

 6.9273, 6.7352,
3.1555

346.0564,

 3.4626, 3.2971,

356.4433, 316.9649

1.1746

407.5528,
420.2602, 377.9112

■ 1.4029, 1.2887,
0.0000

■ 0.2583, 0.1324,
0.0000

■ 77.6796, 78.9162,
61.0074

■ 77.6796, 78.9162,
61.0074

■ 71.9296, 71.5526,
46.3382

■ 84.1566, 86.9495,
78.3358

■ 66.8705, 64.8284,
34.1887

■ 91.3826, 95.6605,
98.4435

■ 62.4718, 58.7261,
24.4141

95.0500, 100.0000,
108.9000

■ 58.6981, 53.2232,
16.8527

■ 55.5096, 48.2955,
11.3220

■ 52.8609, 43.9158,
7.6101

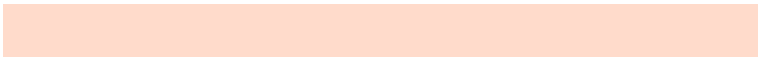
■ 50.6972, 40.0530,
5.4569

■ 49.7090, 38.1981,
4.7530

Harmonies

Analogous

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



82.3793, 78.9162, 67.1798



77.6796, 78.9162, 61.0074



72.4684, 78.9162, 60.9630

Triad

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



77.6796, 78.9162, 61.0074



65.6917, 78.9162, 93.4937



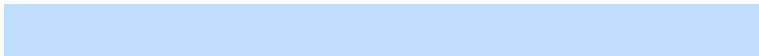
82.3227, 78.9162, 108.0487

Complementary

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



77.6796, 78.9162, 61.0074



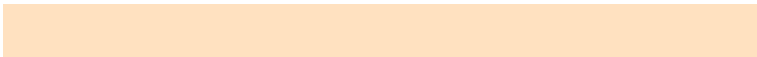
65.9088, 70.6669, 104.7740

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.



77.6052, 78.9162, 116.9149



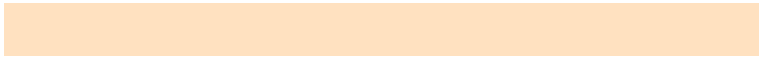
77.6796, 78.9162, 61.0074



68.0891, 78.9162, 107.8712

Square

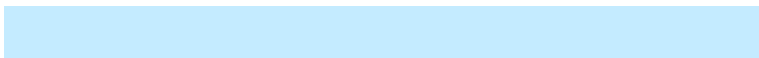
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.6796, 78.9162, 61.0074



65.7095, 78.9162, 78.5825



72.3974, 78.9162, 116.8464



85.1436, 78.9162, 93.7141

Rectangle

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



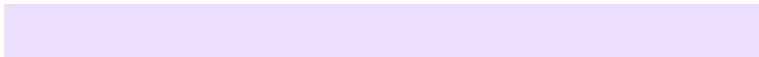
77.6796, 78.9162, 61.0074



69.4113, 78.9162, 64.3624



72.3974, 78.9162, 116.8464



80.8967, 78.9162, 111.8375

Sweetspot

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



77.6816, 78.9197, 61.0090



89.6565, 93.6003, 93.5770



73.3354, 64.2582, 77.9625



19.0945, 19.9196, 19.7607



0.0000, 0.0000, 0.0000



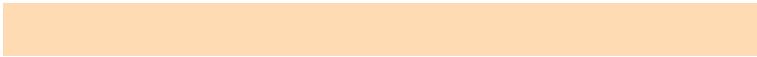
20.3446, 21.4041, 23.3091

Same Dimension

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



77.6816, 78.9197, 61.0090



74.5478, 74.9376, 52.9185



86.1294, 96.3873, 63.9354



18.7969, 19.5620, 18.9295



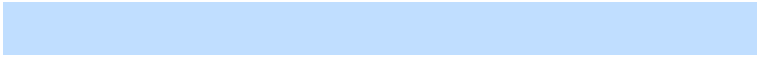
26.1247, 20.2606, 2.5338



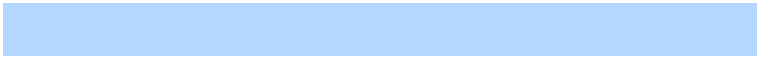
2.6531, 2.1916, 0.2832

Inverse Universe

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



65.9088, 70.6669, 104.7740



60.8056, 65.3053, 104.0081



58.9056, 56.2644, 102.3632



17.7164, 18.8044, 22.9458



13.1773, 11.2641, 50.9143



1.3915, 1.3138, 4.9935

Previews

White Background



This preview shows how the XYZ color 77.6796, 78.9162, 61.0074 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 77.6796, 78.9162, 61.0074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

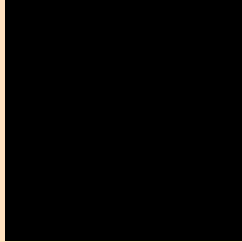
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.6796, 78.9162, 61.0074

Background



This preview shows how black text looks on a background with the XYZ color 77.6796, 78.9162, 61.0074.



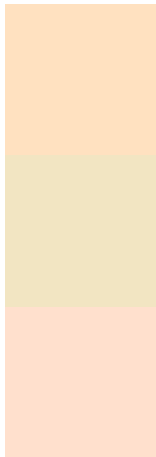
This preview shows how white text looks on a background with the XYZ color 77.6796, 78.9162,

61.0074.

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

77.6796, 78.9162, 61.0074

Protanopia

74.3749, 78.8109, 62.3310

Deuteranopia

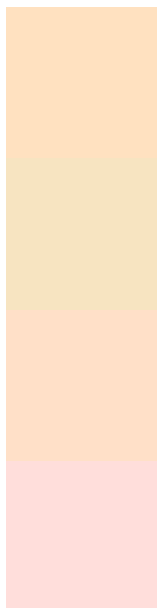
78.9151, 78.9791, 68.8428



Tritanopia

82.0918, 78.9711, 89.5135

Trichromacy



Original Color

77.6796, 78.9162, 61.0074

Protanomaly

75.7268, 79.1112, 61.7308

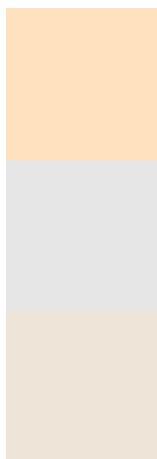
Deuteranomaly

78.3210, 78.7414, 65.7142

Tritanomaly

80.1475, 78.6170, 77.9682

Monochromacy



Original Color

77.6796, 78.9162, 61.0074

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.7347, 78.7954, 76.1831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6796, 78.9162, 61.0074 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, 225, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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(255, 225, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 192) }
```

Border

The CSS property to change the border of an element to XYZ 77.6796, 78.9162, 61.0074 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, 225, 192) }
```


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

```
.border{ border-color:rgb(255, 225, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6796, 78.9162, 61.0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 192) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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