

Converting Colors

XYZ(78.2100, 80.3426, 60.0566)

Have a look what the booklet for
XYZ(78.2100, 80.3426, 60.0566)
contains.

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Color

**XYZ(78.2777, 80.4645,
60.1207)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4BE
RGB	255, 228, 190
RGB Percent	100%, 89%, 75%
CMY	0.0000, 0.1059, 0.2549
CMYK	0.00, 0.11, 0.25, 0.00
HSL	35°, 100%, 87%
HSV	35°, 25%, 100%
XYZ	78.2777, 80.4645, 60.1207
YIQ	231.7410, 28.2900, -6.0940

Conversions

Conversions Part 2

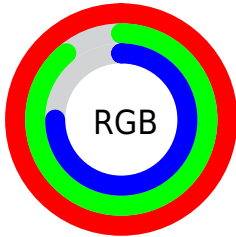
Format	Color
R_{YB}	236, 255, 190
Decimal	16770238
CIE _{Lab}	91.89, 3.62, 21.94
CIE _{LCh}	92, 22.240, 80.639
Yxy	80.4645, 0.3577, 0.3676
Android (android.graphics.Color)	4294960318 (0xFFFFE4BE)
YUV	231.7410, -20.5783, 20.3981
Hunter-Lab	89.7020, -1.2120, 23.0537

Details

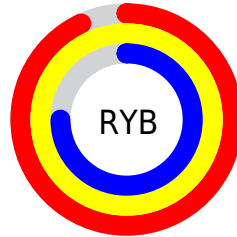
The XYZ color **78.2777, 80.4645, 60.1207** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.0974, 67.7908, 104.3144**, and the grayscale version is **76.6439, 80.6353, 87.8119**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **42.6762, 43.6705, 29.4725** is the 20% darker color. If you saturate the color by 10%, you get **72.9065, 73.7990, 45.7621**, and if you desaturate by 10%, it is **84.3188, 87.6891, 77.1102**.

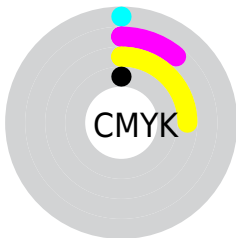
Distribution



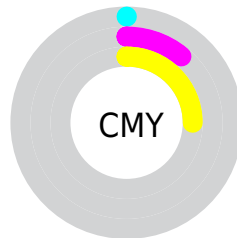
- Red (100%)
- Green (89%)
- Blue (75%)



- Red (93%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.2777, 80.4645, 60.1207 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 78.2777, 80.4645, 60.1207 by changing the saturation by 10% instead.


 78.2777, 80.4645,
60.1207

 78.2777, 80.4645,
60.1207


477.9348,
496.4969, 442.8595

 58.6057, 60.1007,
43.0900

 129.9048,
134.0186, 106.5498

 42.5409, 43.4998,
29.6238


162.5906,
167.9777, 136.7853

 29.7181, 30.2774,
19.3036


200.3451,
207.2372, 172.2595

 19.7717, 20.0493,
11.7108

243.5336,
252.1817, 213.3909

 12.3365, 12.4309,
6.4270

292.5215,
303.1955, 260.5981

 7.0471, 7.0378,
3.0334

347.6741,

 3.5382, 3.4858,

360.6631, 314.2995

1.1117

409.3567,
424.9687, 374.9138

■ 1.4443, 1.3903,
0.0000

■ 0.2875, 0.2096,
0.0000

■ 78.2777, 80.4645,
60.1207

■ 78.2777, 80.4645,
60.1207

■ 72.9065, 73.7990,
45.7621

■ 84.3188, 87.6891,
77.1102

■ 68.1710, 67.6655,
33.8946

■ 91.0508, 95.4777,
96.8507

■ 64.0421, 62.0499,
24.3728

95.0500, 100.0000,
108.9000

■ 60.4859, 56.9333,
17.0342

■ 57.4641, 52.2949,
11.6952

■ 54.9329, 48.1114,
8.1416

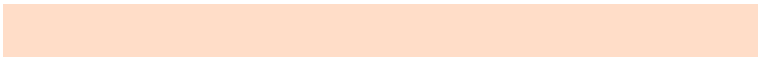
■ 52.8384, 44.3554,
6.1086

■ 52.0030, 42.7861,
5.5177

Harmonies

Analogous

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



83.6509, 80.4645, 65.4931



78.2777, 80.4645, 60.1207



72.6765, 80.4645, 61.3727

Triad

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



78.2777, 80.4645, 60.1207



66.6637, 80.4645, 99.1616



85.2800, 80.4645, 109.0904

Complementary

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



78.2777, 80.4645, 60.1207



64.0974, 67.7908, 104.3144

Split Complementary

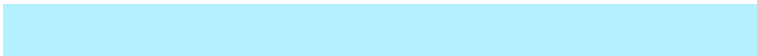
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.4121, 80.4645, 120.4318



78.2777, 80.4645, 60.1207



69.7294, 80.4645, 114.2228

Square

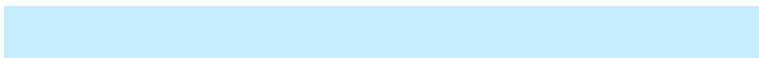
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2777, 80.4645, 60.1207



66.1558, 80.4645, 82.5997



74.7083, 80.4645, 122.4186



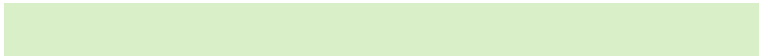
87.8241, 80.4645, 92.8234

Rectangle

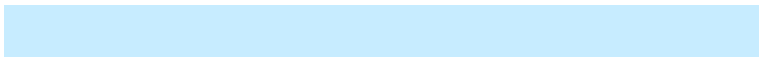
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.2777, 80.4645, 60.1207



69.5533, 80.4645, 65.8649



74.7083, 80.4645, 122.4186



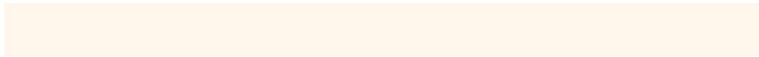
83.8501, 80.4645, 113.6860

Sweetspot

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



78.2796, 80.4680, 60.1224



89.2942, 93.4682, 91.6295



72.1892, 63.1019, 74.0783



18.8919, 19.7520, 18.9611



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

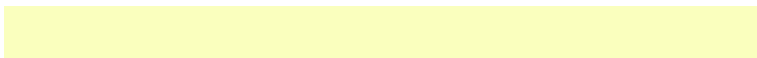
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2796, 80.4680, 60.1224



75.2381, 76.7258, 51.8924



84.3297, 95.4849, 62.7020



18.8919, 19.7520, 18.9611



27.3235, 22.6583, 2.9334



2.7683, 2.4219, 0.3216

Inverse Universe

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



64.0974, 67.7908, 104.3144



58.6896, 61.9371, 103.4695



59.0778, 55.7056, 102.2463



17.6227, 18.6171, 22.9146



12.2583, 9.4262, 50.6079



1.2983, 1.1273, 4.9624

Previews

White Background



This preview shows how the XYZ color 78.2777, 80.4645, 60.1207 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 78.2777, 80.4645, 60.1207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

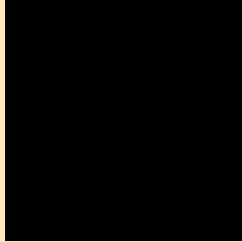
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.2777, 80.4645, 60.1207

Background



This preview shows how black text looks on a background with the XYZ color 78.2777, 80.4645, 60.1207.



This preview shows how white text looks on a background with the XYZ color 78.2777, 80.4645,

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

78.2777, 80.4645, 60.1207

Protanopia

75.7465, 80.3701, 61.3899

Deuteranopia

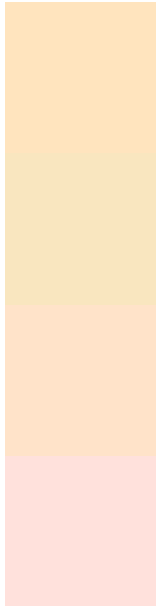
79.8215, 80.2068, 70.9489



Tritanopia

83.1817, 80.6857, 91.3105

Trichromacy



Original Color

78.2777, 80.4645, 60.1207

Protanomaly

76.7677, 80.4950, 60.7812

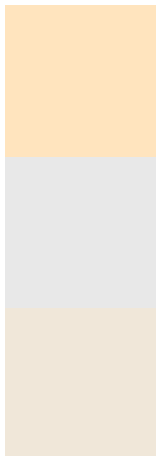
Deuteranomaly

79.2517, 80.4152, 66.6030

Tritanomaly

81.0835, 80.2777, 78.9317

Monochromacy



Original Color

78.2777, 80.4645, 60.1207

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.0355, 80.6868, 77.1596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2777, 80.4645, 60.1207 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, 228, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 190)  
}
```

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, 228, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 190) }
```

Border

The CSS property to change the border of an element to XYZ 78.2777, 80.4645, 60.1207 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, 228, 190) }
```


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

```
.border{ border-color:rgb(255, 228, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2777, 80.4645, 60.1207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 190) }
```

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

```
.background{ background-color: rgb(255,  
228, 190) }
```

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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