

Converting Colors

XYZ(78.0695, 83.2741, 60.6740)

Have a look what the booklet for
XYZ(78.0695, 83.2741, 60.6740)
contains.

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Color

**XYZ(78.0695, 83.2741,
60.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EBBE
RGB	249, 235, 190
RGB Percent	98%, 92%, 75%
CMY	0.0235, 0.0784, 0.2549
CMYK	0.00, 0.06, 0.24, 0.02
HSL	46°, 83%, 86%
HSV	46°, 24%, 98%
XYZ	78.0695, 83.2741, 60.6740
YIQ	234.0560, 22.7890, -11.0270

Conversions

Conversions Part 2

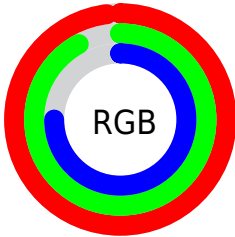
Format	Color
R _Y B	208, 249, 190
Decimal	16378814
CIE Lab	93.13, -2.15, 23.58
CIE LCh	93, 23.680, 95.208
Yxy	83.2741, 0.3516, 0.3751
Android (android.graphics.Color)	4294568894 (0xFFFF9EBBE)
YUV	234.0560, -21.7196, 13.1059
Hunter-Lab	91.2546, -6.9866, 24.4571

Details

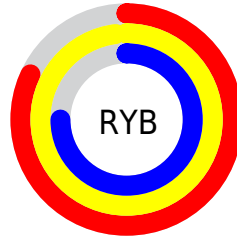
The XYZ color **78.0695, 83.2741, 60.6740** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.9266, 60.9709, 98.2330**, and the grayscale version is **78.3982, 82.4810, 89.8218**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **42.3023, 45.2242, 29.7921** is the 20% darker color. If you saturate the color by 10%, you get **73.9149, 78.9542, 46.9899**, and if you desaturate by 10%, it is **82.7496, 87.8998, 76.8290**.

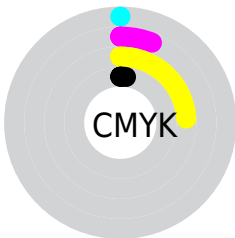
Distribution



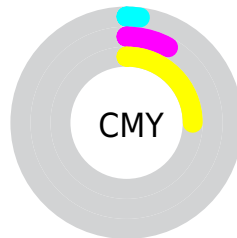
- Red (98%)
- Green (92%)
- Blue (75%)



- Red (82%)
- Yellow (98%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (24%)
- Black (2%)





- Cyan (2%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.0695, 83.2741, 60.6740 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 78.0695, 83.2741, 60.6740 by changing the saturation by 10% instead.


 78.0695, 83.2741,
60.6740

 78.0695, 83.2741,
60.6740


477.2390,
505.8996, 444.9511

 58.4341, 62.4163,
43.5333

 129.6129,
137.9593, 107.3597

 42.4023, 45.3692,
29.9693


162.2516,
172.5555, 137.7418

 29.6089, 31.7483,
19.5634


199.9555,
212.4999, 173.3747

 19.6885, 21.1693,
11.8972

243.0898,
258.1770, 214.6770

 12.2758, 13.2478,
6.5520

292.0200,
309.9711, 262.0673

 7.0053, 7.5994,
3.1094

347.1113,

 3.5118, 3.8397,

368.2666, 315.9640

1.1508

408.7292,
433.4480, 376.7858

■ 1.4298, 1.5843,
0.0000

■ 0.2773, 0.3470,
0.0000

■ 78.0695, 83.2741,
60.6740

■ 78.0695, 83.2741,
60.6740

■ 73.9149, 78.9542,
46.9899

■ 82.7496, 87.8998,
76.8290

■ 70.2551, 74.9182,
35.6469

■ 87.9712, 92.8300,
95.5654

■ 67.0661, 71.1587,
26.5111

■ 92.1555, 97.4367,
108.5578

■ 64.3189, 67.6632,
19.4331

■ 92.8771, 98.8798,
108.7983

■ 61.9810, 64.4177,
14.2447

■ 60.0150, 61.4064,
10.7511

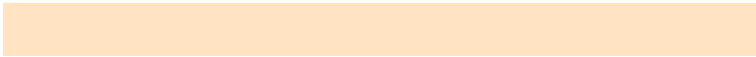
■ 58.3752, 58.6101,
8.7148

■ 57.4672, 56.9401,
7.9617

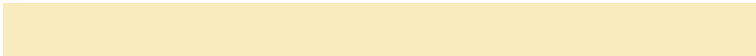
Harmonies

Analogous

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



84.2683, 83.2741, 63.0090



78.0695, 83.2741, 60.6740



72.4561, 83.2741, 65.4784

Triad

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



78.0695, 83.2741, 60.6740



69.7792, 83.2741, 111.8748



90.5045, 83.2741, 105.7969

Complementary

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



78.0695, 83.2741, 60.6740



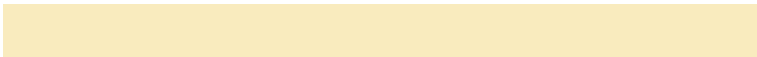
59.9266, 60.9709, 98.2330

Split Complementary

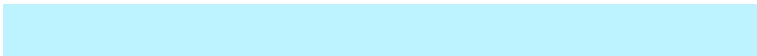
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.2430, 83.2741, 121.6165



78.0695, 83.2741, 60.6740



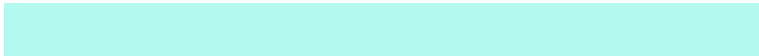
74.2423, 83.2741, 125.4350

Square

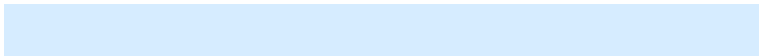
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0695, 83.2741, 60.6740



67.8325, 83.2741, 93.8143



80.2395, 83.2741, 129.2141



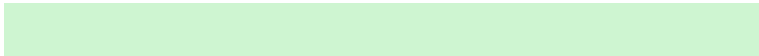
91.6600, 83.2741, 87.5994

Rectangle

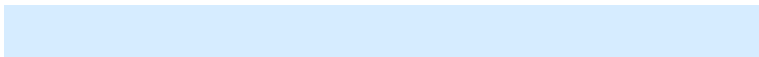
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.0695, 83.2741, 60.6740



69.7335, 83.2741, 72.5072



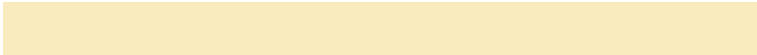
80.2395, 83.2741, 129.2141



89.3772, 83.2741, 111.6409

Sweetspot

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



78.0717, 83.2778, 60.6758



90.9721, 96.2315, 94.0155



68.4704, 61.3634, 65.8361



19.3994, 20.5296, 19.8624



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.



78.0717, 83.2778, 60.6758



80.4431, 85.8904, 57.4666



77.1844, 89.0043, 61.8278



18.3580, 19.4519, 18.2494



30.8763, 30.7092, 4.3001



2.9407, 3.0063, 0.4253

Inverse Universe

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



59.9266, 60.9709, 98.2330



58.5001, 58.9182, 102.8968



60.6212, 56.6112, 97.3548



16.6172, 17.3113, 21.8509



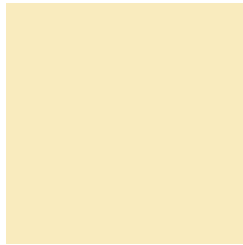
10.0820, 5.5195, 48.5075



1.0118, 0.6672, 4.5186

Previews

White Background



This preview shows how the XYZ color 78.0695, 83.2741, 60.6740 looks on a white background.

Color Contrast Check

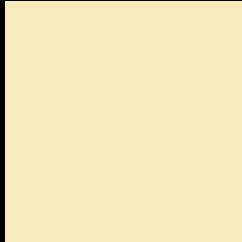
Large Text (above 18pt) WCAG AA × Fail

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 78.0695, 83.2741, 60.6740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

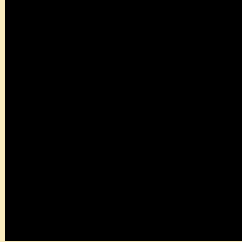
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.0695, 83.2741, 60.6740

Background



This preview shows how black text looks on a background with the XYZ color 78.0695, 83.2741, 60.6740.



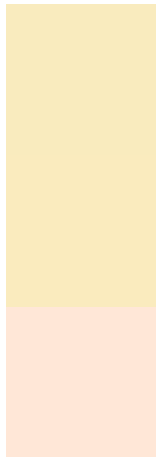
This preview shows how white text looks on a background with the XYZ color 78.0695, 83.2741,

60.6740.

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

78.0695, 83.2741, 60.6740

Protanopia

78.4269, 83.4584, 60.6907

Deuteranopia

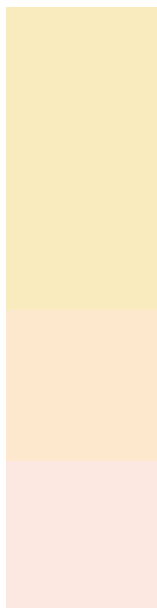
82.0817, 83.3181, 76.0458



Tritanopia

85.4648, 83.3394, 97.9678

Trichromacy



Original Color

78.0695, 83.2741, 60.6740

Protanomaly

78.4269, 83.4584, 60.6907

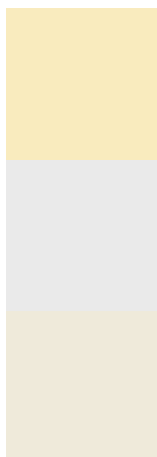
Deuteranomaly

80.5052, 83.0521, 70.1801

Tritanomaly

82.6745, 83.4707, 82.9882

Monochromacy



Original Color

78.0695, 83.2741, 60.6740

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.6743, 82.2583, 78.1132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0695, 83.2741, 60.6740 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(249, 235, 190)` looks like.

```
.text, #text, p{  
    color:rgb(249, 235, 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(249, 235, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 235, 190) }
```

Border

The CSS property to change the border of an element to XYZ 78.0695, 83.2741, 60.6740 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(249, 235, 190) }
```


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

```
.border{ border-color:rgb(249, 235, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 235, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 235, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 235, 190);  
box-shadow:4px 4px 4px 4px rgb(249, 235,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0695, 83.2741, 60.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 235, 190) }
```

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

```
.background{ background-color: rgb(249,  
235, 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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