

Converting Colors

XYZ(77.2593, 80.5683, 62.1343)

Have a look what the booklet for
XYZ(77.2593, 80.5683, 62.1343)
contains.

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Color

**XYZ(77.3468, 80.7679,
61.9652)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE6C1
RGB	250, 230, 193
RGB Percent	98%, 90%, 76%
CMY	0.0196, 0.0980, 0.2431
CMYK	0.00, 0.08, 0.23, 0.02
HSL	39°, 85%, 87%
HSV	39°, 23%, 98%
XYZ	77.3468, 80.7679, 61.9652
YIQ	231.7620, 23.7970, -7.2670

Conversions

Conversions Part 2

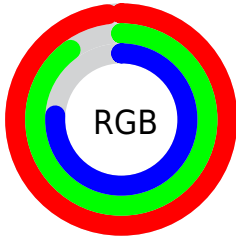
Format	Color
R_{YB}	224, 250, 193
Decimal	16443073
CIE _{Lab}	92.03, 1.17, 20.52
CIE _{LCh}	92, 20.549, 86.741
Yxy	80.7679, 0.3514, 0.3670
Android (android.graphics.Color)	4294633153 (0xFFFAE6C1)
YUV	231.7620, -19.1097, 15.9947
Hunter-Lab	89.8710, -3.6494, 22.0298

Details

The XYZ color **77.3468, 80.7679, 61.9652** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.0415, 65.8264, 99.8260**, and the grayscale version is **76.6515, 80.6433, 87.8206**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **41.9825, 43.8615, 30.6795** is the 20% darker color. If you saturate the color by 10%, you get **72.4115, 74.9893, 47.7045**, and if you desaturate by 10%, it is **82.8806, 86.9880, 78.7531**.

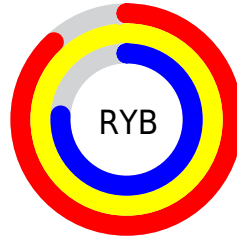
Distribution



Red (98%)

Green (90%)

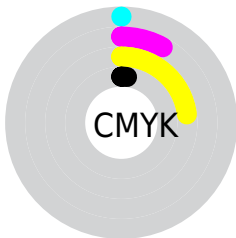
Blue (76%)



Red (88%)

Yellow (98%)

Blue (76%)

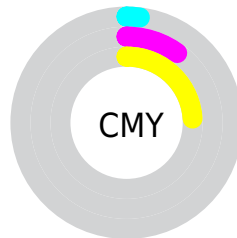


Cyan (0%)

Magenta (8%)

Yellow (23%)

Black (2%)



Cyan (2%)


Magenta (10%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.3468, 80.7679, 61.9652 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 77.3468, 80.7679, 61.9652 by changing the saturation by 10% instead.


 77.3468, 80.7679,
61.9652

 77.3468, 80.7679,
61.9652


474.8195,
497.5170, 449.8083

 57.8385, 60.3505,
44.5690

 128.5992,
134.4448, 109.2463

 41.9216, 43.7012,
30.7776


161.0739,
168.4731, 139.9683

 29.2307, 30.4357,
20.1725


198.6015,
207.8071, 175.9693

 19.4006, 20.1695,
12.3352

241.5472,
252.8312, 217.6679

 12.0658, 12.5183,
6.8471

290.2766,
303.9299, 265.4825

 6.8610, 7.0977,
3.2897

345.1548,

 3.4209, 3.5233,

361.4875, 319.8318

1.2444

406.5473,
425.8884, 381.1342

■ 1.3801, 1.4106,
0.0155

■ 0.2419, 0.2245,
0.0000

■ 77.3468, 80.7679,
61.9652

■ 77.3468, 80.7679,
61.9652

■ 72.4115, 74.9893,
47.7045

■ 82.8806, 86.9880,
78.7531

■ 68.0430, 69.6281,
35.8406

■ 89.0303, 93.6509,
98.1796

■ 64.2156, 64.6741,
26.2389

■ 93.2345, 99.0641,
108.8150

■ 60.8993, 60.1123,
18.7494

■ 58.0602, 55.9259,
13.2038

■ 55.6596, 52.0965,
9.4077

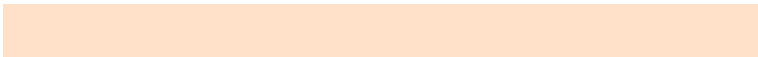
■ 53.6509, 48.6021,
7.1258

■ 52.3985, 46.2721,
6.1697

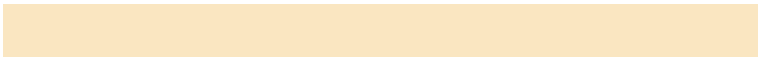
Harmonies

Analogous

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



82.4775, 80.7679, 65.7790



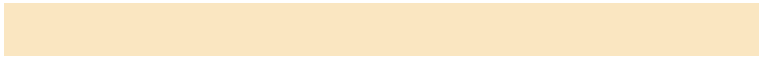
77.3468, 80.7679, 61.9652



72.2845, 80.7679, 64.4247

Triad

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



77.3468, 80.7679, 61.9652



68.0438, 80.7679, 101.7006



85.5838, 80.7679, 104.8916

Complementary

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



77.3468, 80.7679, 61.9652



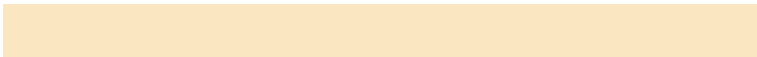
63.0415, 65.8264, 99.8260

Split Complementary

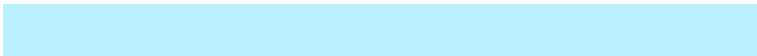
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4320, 80.7679, 116.5829



77.3468, 80.7679, 61.9652



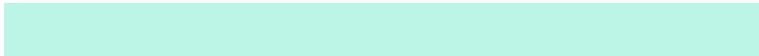
71.3272, 80.7679, 114.5970

Square

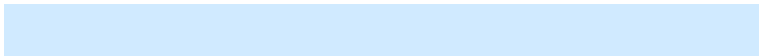
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3468, 80.7679, 61.9652



67.0608, 80.7679, 86.2979



76.1910, 80.7679, 120.3220



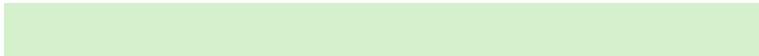
87.3683, 80.7679, 89.6079

Rectangle

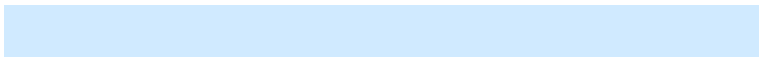
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3468, 80.7679, 61.9652



69.6010, 80.7679, 69.4650



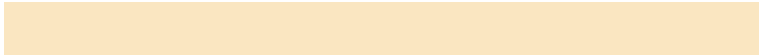
76.1910, 80.7679, 120.3220



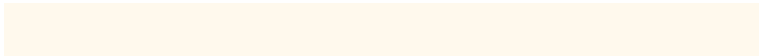
84.4097, 80.7679, 109.4365

Sweetspot

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



77.3489, 80.7715, 61.9669



90.3429, 94.9730, 93.8058



70.6199, 63.3148, 72.0512



19.2535, 20.2377, 19.8137



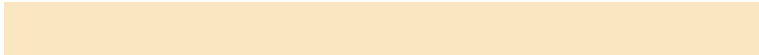
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

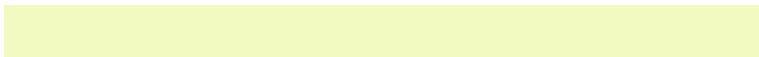
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3489, 80.7715, 61.9669



78.6524, 81.8786, 58.1967



80.5672, 91.1701, 63.8044



18.1850, 19.1059, 18.1918



27.9339, 24.8244, 3.3193



2.6866, 2.4980, 0.3406

Inverse Universe

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



63.0415, 65.8264, 99.8260



61.4573, 63.9201, 103.7064



60.3062, 57.4053, 98.3447



16.7811, 17.6389, 21.9055



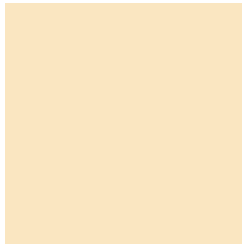
11.1123, 7.5801, 48.8510



1.1245, 0.8928, 4.5562

Previews

White Background



This preview shows how the XYZ color 77.3468, 80.7679, 61.9652 looks on a white background.

Color Contrast Check

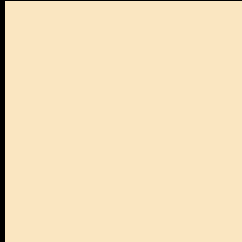
Large Text (above 18pt) WCAG AA × Fail

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 77.3468, 80.7679, 61.9652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

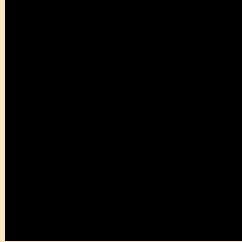
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3468, 80.7679, 61.9652

Background



This preview shows how black text looks on a background with the XYZ color 77.3468, 80.7679, 61.9652.



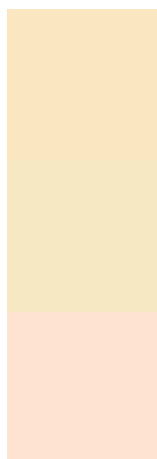
This preview shows how white text looks on a background with the XYZ color 77.3468, 80.7679, 61.9652.

61.9652.

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

77.3468, 80.7679, 61.9652

Protanopia

76.2504, 81.0207, 62.6587

Deuteranopia

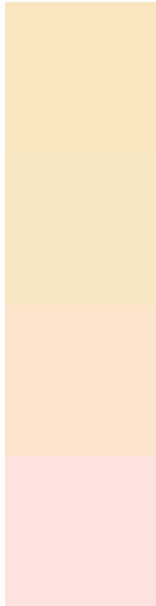
80.3419, 80.8513, 72.3442



Tritanopia

83.6238, 80.8626, 93.6387

Trichromacy



Original Color

77.3468, 80.7679, 61.9652

Protanomaly

76.6713, 80.8210, 62.5979

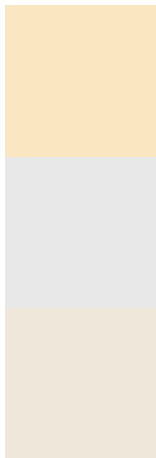
Deuteranomaly

79.1505, 80.7291, 68.5373

Tritanomaly

81.0237, 80.6031, 81.0996

Monochromacy



Original Color

77.3468, 80.7679, 61.9652

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.8274, 80.5645, 77.8309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3468, 80.7679, 61.9652 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(250, 230, 193) looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 193)  
}
```

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(250, 230, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 193) }
```

Border

The CSS property to change the border of an element to XYZ 77.3468, 80.7679, 61.9652 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(250, 230, 193) }
```


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

```
.border{ border-color:rgb(250, 230, 193) }
```

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

Here you see how a box with a 4 pixel rgb(250, 230, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 193);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3468, 80.7679, 61.9652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 193) }
```

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

```
.background{ background-color: rgb(250,  
230, 193) }
```

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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