

Converting Colors

XYZ(76.3066, 79.9078, 57.8563)

Have a look what the booklet for
XYZ(76.3066, 79.9078, 57.8563)
contains.

XYZ(76.3066, 79.9078, 57.8563)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.3066, 79.9078,
57.8563)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE5BA
RGB	250, 229, 186
RGB Percent	98%, 90%, 73%
CMY	0.0196, 0.1019, 0.2706
CMYK	0.00, 0.08, 0.26, 0.02
HSL	40°, 86%, 85%
HSV	40°, 26%, 98%
XYZ	76.3066, 79.9078, 57.8563
YIQ	230.3770, 26.3190, -8.9210

Conversions

Conversions Part 2

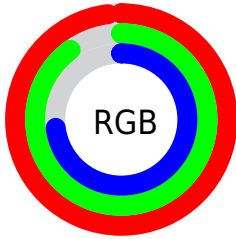
Format	Color
R _Y B	217, 250, 186
Decimal	16442810
CIE Lab	91.64, 0.73, 23.60
CIE LCh	92, 23.611, 88.240
Yxy	79.9078, 0.3565, 0.3733
Android (android.graphics.Color)	4294632890 (0xFFFAE5BA)
YUV	230.3770, -21.8779, 17.2094
Hunter-Lab	89.3912, -4.0623, 24.1998

Details

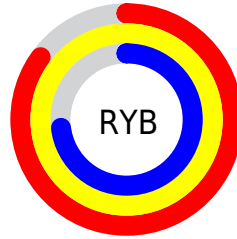
The XYZ color **76.3066, 79.9078, 57.8563** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.8174, 61.9653, 99.2506**, and the grayscale version is **75.6382, 79.5773, 86.6597**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **41.3620, 43.3030, 28.3686** is the 20% darker color. If you saturate the color by 10%, you get **71.6627, 74.5074, 44.3234**, and if you desaturate by 10%, it is **81.5269, 85.7158, 73.8772**.

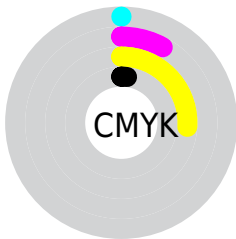
Distribution



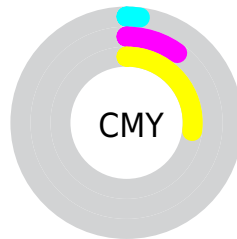
- Red (98%)
- Green (90%)
- Blue (73%)



- Red (85%)
- Yellow (98%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (26%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3066, 79.9078, 57.8563 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 76.3066, 79.9078, 57.8563 by changing the saturation by 10% instead.


 76.3066, 79.9078,
57.8563

 76.3066, 79.9078,
57.8563


471.3249,
494.6221, 434.2336

 56.9819, 59.6425,
41.2792


 127.1383,
133.2361, 103.2263

 41.2308, 43.1305,
28.2160


159.3759,
167.0679, 132.8562

 28.6879, 29.9875,
18.2481


196.6486,
206.1906, 167.6742

 18.9880, 19.8291,
10.9569

239.3217,
250.9886, 208.0988

 11.7655, 12.2709,
5.9241

287.7605,
301.8464, 254.5485

 6.6553, 6.9285,
2.7309

342.3304,

 3.2919, 3.4174,

359.1483, 307.4418

0.9589

403.3967,
423.2787, 367.1973

■ 1.3099, 1.3533,
0.0000

■ 0.1906, 0.1819,
0.0000

■ 76.3066, 79.9078,
57.8563

■ 76.3066, 79.9078,
57.8563

■ 71.6627, 74.5074,
44.3234

■ 81.5269, 85.7158,
73.8772

■ 67.5634, 69.4913,
33.1454

■ 87.3412, 91.9325,
92.4998

■ 63.9826, 64.8494,
24.1844

■ 92.7925, 98.1801,
108.6677

■ 60.8898, 60.5670,
17.2858

■ 93.2345, 99.0641,
108.8150

■ 58.2503, 56.6279,
12.2753

■ 56.0239, 53.0132,
8.9490

■ 54.1612, 49.7008,
7.0553

■ 53.4253, 48.3256,
6.5120

Harmonies

Analogous

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



82.2180, 79.9078, 61.7153



76.3066, 79.9078, 57.8563



70.5946, 79.9078, 60.9078

Triad

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



76.3066, 79.9078, 57.8563



66.1862, 79.9078, 103.6834



86.2415, 79.9078, 105.6815

Complementary

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



76.3066, 79.9078, 57.8563



59.8174, 61.9653, 99.2506

Split Complementary

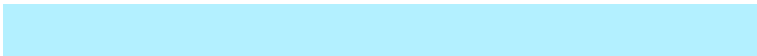
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.5695, 79.9078, 119.6619



76.3066, 79.9078, 57.8563



70.0089, 79.9078, 118.4051

Square

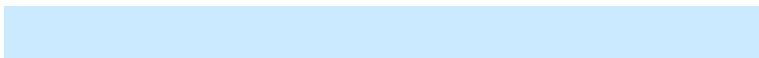
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3066, 79.9078, 57.8563



64.9400, 79.9078, 85.9902



75.5944, 79.9078, 124.5971



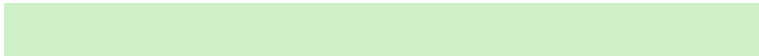
88.1390, 79.9078, 88.0298

Rectangle

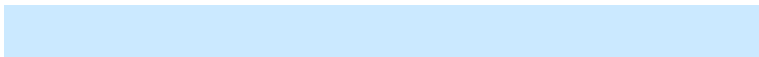
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3066, 79.9078, 57.8563



67.6249, 79.9078, 66.7107



75.5944, 79.9078, 124.5971



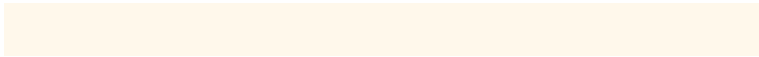
84.9316, 79.9078, 111.0491

Sweetspot

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



76.3087, 79.9114, 57.8580



89.8398, 94.5594, 91.8113



68.2873, 59.9641, 67.2214



19.0296, 20.0274, 19.0070



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

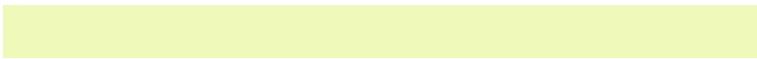
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3087, 79.9114, 57.8580



77.1097, 80.4690, 52.5163



78.7584, 90.3257, 59.7390



18.2195, 19.1748, 18.2032



28.4753, 25.9072, 3.4998



2.7340, 2.5929, 0.3564

Inverse Universe

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



59.8174, 61.9653, 99.2506



57.0360, 58.6298, 102.9183



57.7539, 53.8464, 97.7923



16.7480, 17.5729, 21.8945



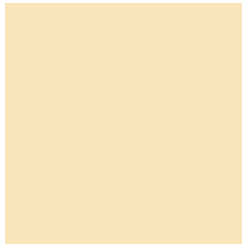
10.8700, 7.0957, 48.7702



1.0992, 0.8421, 4.5478

Previews

White Background



This preview shows how the XYZ color 76.3066, 79.9078, 57.8563 looks on a white background.

Color Contrast Check

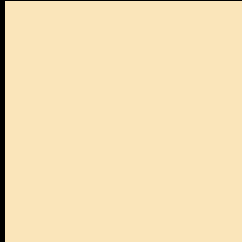
Large Text (above 18pt) WCAG AA × Fail

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 76.3066, 79.9078, 57.8563 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 76.3066, 79.9078, 57.8563

Background



This preview shows how black text looks on a background with the XYZ color 76.3066, 79.9078, 57.8563.



This preview shows how white text looks on a background with the XYZ color 76.3066, 79.9078,

57.8563.

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

76.3066, 79.9078, 57.8563

Protanopia

75.2017, 80.1522, 58.5211

Deuteranopia

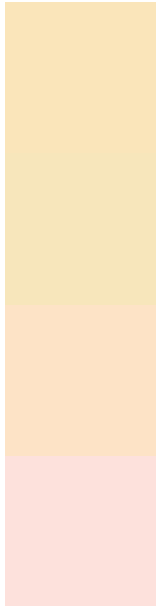
79.4558, 80.0605, 69.0231



Tritanopia

82.9413, 79.7345, 92.6802

Trichromacy



Original Color

76.3066, 79.9078, 57.8563

Protanomaly

75.6242, 79.9556, 58.4609

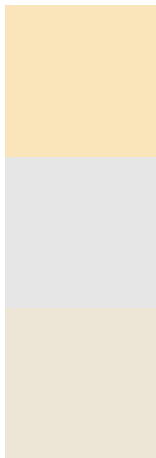
Deuteranomaly

78.1701, 79.8980, 64.7279

Tritanomaly

80.3515, 79.9004, 78.8975

Monochromacy



Original Color

76.3066, 79.9078, 57.8563

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3595, 79.4532, 74.9825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3066, 79.9078, 57.8563 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, 229, 186)` looks like.

```
.text, #text, p{  
    color:rgb(250, 229, 186)  
}
```

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, 229, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 229, 186) }
```

Border

The CSS property to change the border of an element to XYZ 76.3066, 79.9078, 57.8563 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, 229, 186) }
```


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

```
.border{ border-color:rgb(250, 229, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 229, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 229, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 229, 186);  
box-shadow:4px 4px 4px 4px rgb(250, 229,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3066, 79.9078, 57.8563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 229, 186) }
```

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

```
.background{ background-color: rgb(250,  
229, 186) }
```

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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