

Converting Colors

XYZ(79.6065, 84.3477, 67.3255)

Have a look what the booklet for
XYZ(79.6065, 84.3477, 67.3255)
contains.

XYZ(79.6050, 84.3477, 67.3434)	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(79.6050, 84.3477,
67.3434)**

Conversions

Conversions Part 1

Format	Color
Hex	F9ECC9
RGB	249, 236, 201
RGB Percent	98%, 93%, 79%
CMY	0.0235, 0.0745, 0.2118
CMYK	0.00, 0.05, 0.19, 0.02
HSL	44°, 80%, 88%
HSV	44°, 19%, 98%
XYZ	79.6050, 84.3477, 67.3434
YIQ	235.8970, 18.9830, -8.1290

Conversions

Conversions Part 2

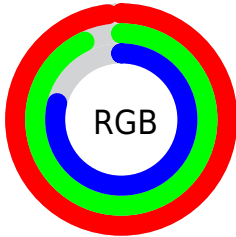
Format	Color
R _Y B	219, 249, 201
Decimal	16379081
CIE Lab	93.60, -1.11, 18.57
CIE LCh	94, 18.599, 93.429
Yxy	84.3477, 0.3442, 0.3647
Android (android.graphics.Color)	4294569161 (0xFFFF9ECC9)
YUV	235.8970, -17.2042, 11.4913
Hunter-Lab	91.8410, -6.0034, 20.8137

Details

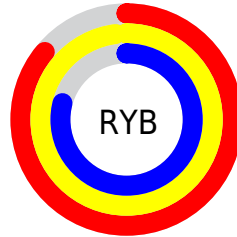
The XYZ color **79.6050, 84.3477, 67.3434** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.2325, 67.3486, 99.1846**, and the grayscale version is **79.7692, 83.9234, 91.3926**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3259, 45.9556, 34.1906** is the 20% darker color. If you saturate the color by 10%, you get **75.0064, 79.4639, 52.5119**, and if you desaturate by 10%, it is **84.7562, 89.5755, 84.7036**.

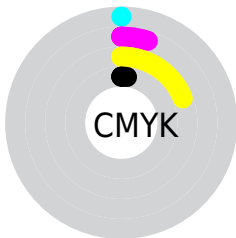
Distribution



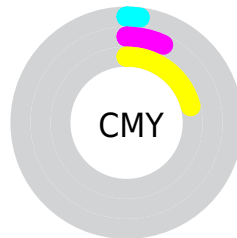
- Red (98%)
- Green (93%)
- Blue (79%)



- Red (86%)
- Yellow (98%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6050, 84.3477, 67.3434 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 79.6050, 84.3477, 67.3434 by changing the saturation by 10% instead.

79.6050, 84.3477,
67.3434

79.6050, 84.3477,
67.3434

482.3575,
509.4671, 469.7009

59.7007, 63.3025,
48.9004

131.7637,
139.4615, 117.0576

43.4260, 46.0860,
34.1754

164.7488,
174.2988, 149.1660

30.4155, 32.3137,
22.7500

202.8249,
214.5024, 186.6665

20.3038, 21.6012,
14.2054

246.3573,
260.4566, 229.9777

12.7256, 13.5642,
8.1233

295.7114,
312.5458, 279.5183

7.3156, 7.8182,
4.0850

351.2526,

3.7083, 3.9788,

371.1543, 335.7066

1.6721

413.3462,
436.6666, 398.9613

■ 1.5385, 1.6617,
0.3415

■ 0.3518, 0.3987,
0.0000

■ 79.6050, 84.3477,
67.3434

■ 79.6050, 84.3477,
67.3434

■ 75.0064, 79.4639,
52.5119

■ 84.7562, 89.5755,
84.7036

■ 70.9302, 74.9021,
40.0833

■ 90.4754, 95.1461,
104.6997

■ 67.3529, 70.6546,
29.9287

■ 92.8772, 98.8799,
108.7983

■ 64.2466, 66.7088,
21.9053

■ 61.5804, 63.0510,
15.8537

■ 59.3188, 59.6657,
11.5921

■ 57.4202, 56.5348,
8.9048

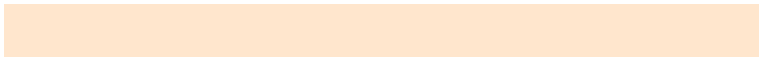
■ 55.8209, 53.6315,
7.4616

■ 55.7112, 53.4280,
7.3763

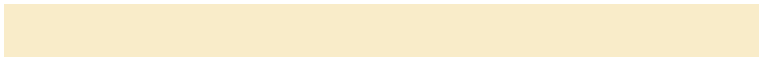
Harmonies

Analogous

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



84.4805, 84.3477, 69.6590



79.6050, 84.3477, 67.3434



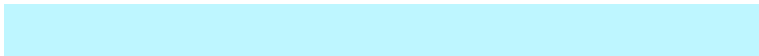
75.0659, 84.3477, 71.0166

Triad

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



79.6050, 84.3477, 67.3434



72.5244, 84.3477, 107.6042



88.9403, 84.3477, 104.5123

Complementary

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



79.6050, 84.3477, 67.3434



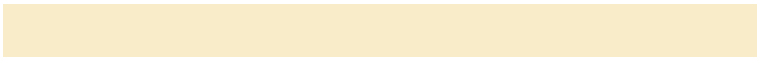
65.2325, 67.3486, 99.1846

Split Complementary

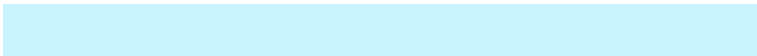
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.5002, 84.3477, 116.3820



79.6050, 84.3477, 67.3434



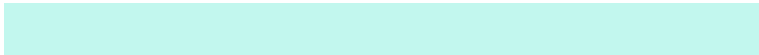
76.0086, 84.3477, 118.2916

Square

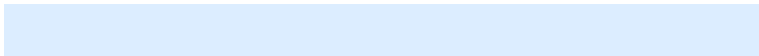
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6050, 84.3477, 67.3434



71.0847, 84.3477, 93.4717



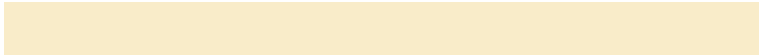
80.7376, 84.3477, 121.6562



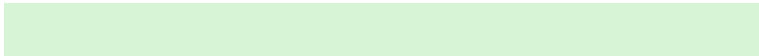
89.9981, 84.3477, 90.2280

Rectangle

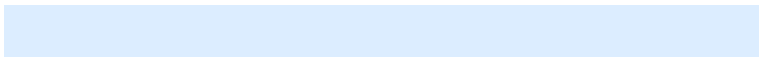
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6050, 84.3477, 67.3434



72.8033, 84.3477, 76.6119



80.7376, 84.3477, 121.6562



88.0175, 84.3477, 108.9638

Sweetspot

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



79.6072, 84.3515, 67.3452



91.3764, 96.4391, 96.0032



72.1688, 66.7998, 73.1118



19.4756, 20.5607, 20.2614



0.0000, 0.0000, 0.0000



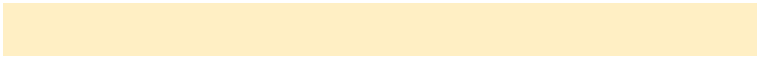
20.3446, 21.4041, 23.3091

Same Dimension

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



79.6072, 84.3515, 67.3452



82.1459, 87.0659, 64.9095



79.8807, 90.2503, 68.4694



18.3067, 19.3493, 18.2323



29.9451, 28.8469, 3.9897



2.8612, 2.8472, 0.3988

Inverse Universe

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



65.2325, 67.3486, 99.1846



64.5066, 66.2038, 103.9865



64.9652, 62.5220, 98.2670



16.6653, 17.4075, 21.8669



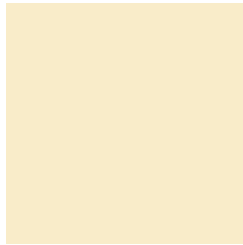
10.3404, 6.0363, 48.5937



1.0415, 0.7267, 4.5286

Previews

White Background



This preview shows how the XYZ color 79.6050, 84.3477, 67.3434 looks on a white background.

Color Contrast Check

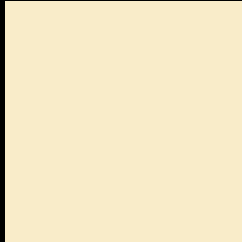
Large Text (above 18pt) WCAG AA × Fail

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 79.6050, 84.3477, 67.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

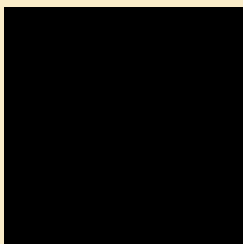
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6050, 84.3477, 67.3434

Background



This preview shows how black text looks on a background with the XYZ color 79.6050, 84.3477, 67.3434.

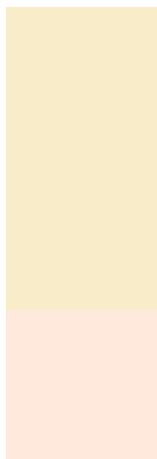


This preview shows how white text looks on a background with the XYZ color 79.6050, 84.3477,

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

79.6050, 84.3477, 67.3434

Protanopia

79.6050, 84.3477, 67.3434

Deuteranopia

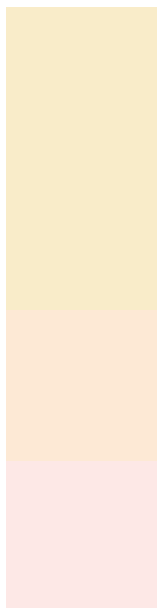
83.0149, 84.1405, 79.5755



Tritanopia

86.0478, 84.0140, 99.6768

Trichromacy



Original Color

79.6050, 84.3477, 67.3434

Protanomaly

79.6050, 84.3477, 67.3434

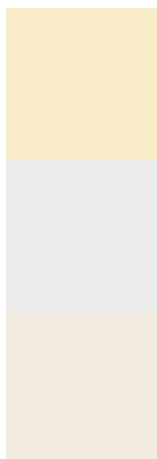
Deuteranomaly

81.6572, 83.9646, 74.8538

Tritanomaly

83.6476, 84.3090, 86.7275

Monochromacy



Original Color

79.6050, 84.3477, 67.3434

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.5904, 84.0194, 81.8345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6050, 84.3477, 67.3434 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, 236, 201) looks like.

```
.text, #text, p{  
    color:rgb(249, 236, 201)  
}
```

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, 236, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 236, 201) }
```

Border

The CSS property to change the border of an element to XYZ 79.6050, 84.3477, 67.3434 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, 236, 201) }
```


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

```
.border{ border-color:rgb(249, 236, 201) }
```

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

Here you see how a box with a 4 pixel rgb(249, 236, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 236, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 236, 201);  
box-shadow:4px 4px 4px 4px rgb(249, 236,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6050, 84.3477, 67.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 236, 201) }
```

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

```
.background{ background-color: rgb(249,  
236, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor