

Converting Colors

XYZ(66.7454, 78.0309, 52.6179)

Have a look what the booklet for
XYZ(66.7454, 78.0309, 52.6179)
contains.

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Color

**XYZ(66.7454, 78.0309,
52.6179)**

Conversions

Conversions Part 1

Format	Color
Hex	DAECB0
RGB	218, 236, 176
RGB Percent	85%, 93%, 69%
CMY	0.1451, 0.0745, 0.3098
CMYK	0.08, 0.00, 0.25, 0.07
HSL	78°, 61%, 81%
HSV	78°, 25%, 93%
XYZ	66.7454, 78.0309, 52.6179
YIQ	223.7780, 8.5320, -22.4760

Conversions

Conversions Part 2

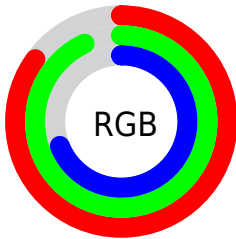
Format	Color
R _{YB}	176, 236, 194
Decimal	14347440
CIE Lab	90.79, -15.89, 27.18
CIE LCh	91, 31.487, 120.319
Yxy	78.0309, 0.3381, 0.3953
Android (android.graphics.Color)	4292537520 (0xFFDAECB0)
YUV	223.7780, -23.5546, -5.0673
Hunter-Lab	88.3351, -19.7130, 26.5177

Details

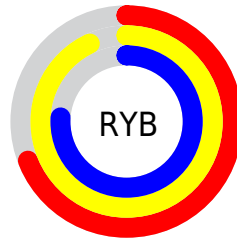
The XYZ color **66.7454, 78.0309, 52.6179** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **52.9168, 48.5782, 85.9486**, and the grayscale version is **70.8534, 74.5432, 81.1776**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **35.0007, 41.8591, 24.9738** is the 20% darker color. If you saturate the color by 10%, you get **62.5383, 76.1112, 41.2733**, and if you desaturate by 10%, it is **71.4530, 80.1665, 66.1082**.

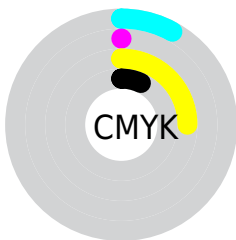
Distribution



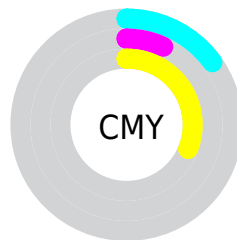
- Red (85%)
- Green (93%)
- Blue (69%)



- Red (69%)
- Yellow (93%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (25%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7454, 78.0309, 52.6179 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 66.7454, 78.0309, 52.6179 by changing the saturation by 10% instead.

66.7454, 78.0309,
52.6179

66.7454, 78.0309,
52.6179

438.4847,
488.2718, 413.8421

49.1477, 58.0994,
37.1122

113.6073,
130.5937, 95.4777

34.9517, 41.8885,
24.9979

143.6023,
163.9937, 123.6689

23.7920, 29.0140,
15.8565

178.4603,
202.6520, 156.9257

15.3033, 19.0914,
9.2694

218.5468,
246.9530, 195.6666

9.1202, 11.7364,
4.8181

264.2272,
297.2811, 240.3101

4.8774, 6.5644,
2.0841

315.8667,


2.2095, 3.1912,


354.0207, 291.2748


0.6063


373.8308,
417.5561, 348.9793


 0.7478, 1.2324,
0.0000


 0.0000, 0.0879,
0.0000


 66.7454, 78.0309,
52.6179


 66.7454, 78.0309,
52.6179


 62.5383, 76.1112,
41.2733


 71.4530, 80.1665,
66.1082


 58.8036, 74.3882,
31.9587

 76.6758, 82.5161,
81.8417

 55.5193, 72.8555,
24.5550

 82.4349, 85.0909,
99.9164

 52.6588, 71.5025,
18.9290

 86.1680, 86.8662,
106.8331

■ 50.1924, 70.3170,
14.9300

■ 88.7041, 88.1736,
106.9517

■ 48.0857, 69.2851,
12.3827

■ 89.2871, 88.4741,
106.9790

■ 46.2963, 68.3898,
11.0710

■ 45.5535, 68.0137,
10.7270

Harmonies

Analogous

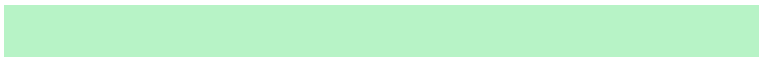
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0813, 78.0309, 48.4048



66.7454, 78.0309, 52.6179



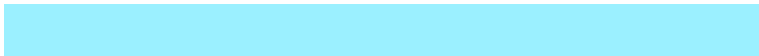
61.7138, 78.0309, 65.1555

Triad

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



66.7454, 78.0309, 52.6179



66.8823, 78.0309, 128.7349



90.4497, 78.0309, 84.7200

Complementary

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



66.7454, 78.0309, 52.6179



52.9168, 48.5782, 85.9486

Split Complementary

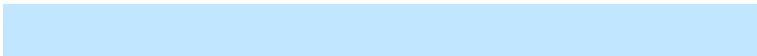
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1897, 78.0309, 108.4244



66.7454, 78.0309, 52.6179



74.2508, 78.0309, 136.4265

Square

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



66.7454, 78.0309, 52.6179



61.7888, 78.0309, 108.9196



82.1172, 78.0309, 128.4150



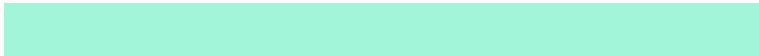
88.0947, 78.0309, 64.8040

Rectangle

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



66.7454, 78.0309, 52.6179



60.1524, 78.0309, 77.8415



82.1172, 78.0309, 128.4150



90.2028, 78.0309, 92.5048

Sweetspot

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



66.7474, 78.0343, 52.6196



89.7214, 97.6125, 92.4069



61.7231, 59.5535, 49.3172



18.9994, 20.8011, 19.1580



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.



66.7474, 78.0343, 52.6196



76.6370, 91.6882, 54.7068



58.5735, 73.8205, 52.2370



15.8864, 17.3870, 16.0374



25.2453, 37.5589, 5.9190



2.0787, 2.9989, 0.4693

Inverse Universe

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



52.9168, 48.5782, 85.9486



57.2969, 50.4850, 101.3325



61.4089, 52.9560, 86.3461



14.6561, 14.7680, 19.0003



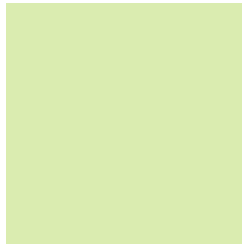
9.8845, 4.1316, 44.0195



0.8702, 0.3729, 3.4610

Previews

White Background



This preview shows how the XYZ color 66.7454, 78.0309, 52.6179 looks on a white background.

Color Contrast Check

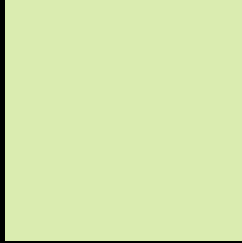
Large Text (above 18pt) WCAG AA × Fail

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 66.7454, 78.0309, 52.6179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

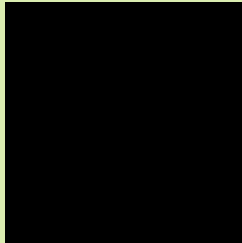
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

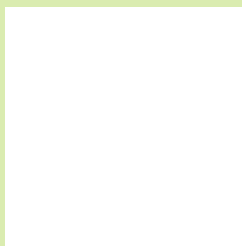
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7454, 78.0309, 52.6179

Background



This preview shows how black text looks on a background with the XYZ color 66.7454, 78.0309, 52.6179.

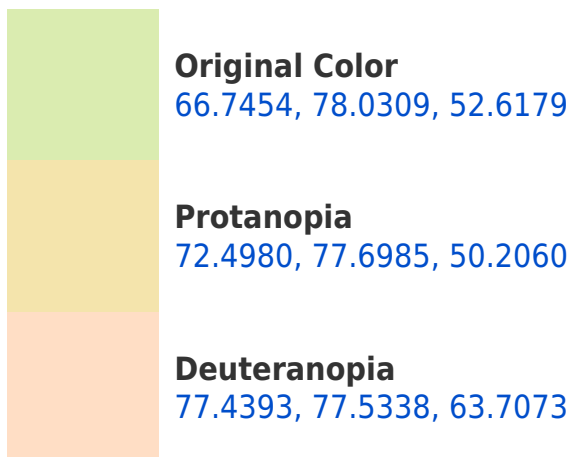


This preview shows how white text looks on a background with the XYZ color 66.7454, 78.0309,

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

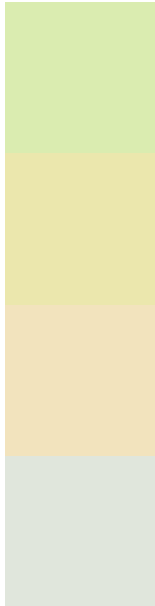




Tritanopia

75.9454, 78.0247, 97.4437

Trichromacy



Original Color

66.7454, 78.0309, 52.6179

Protanomaly

70.3797, 77.8311, 50.8487

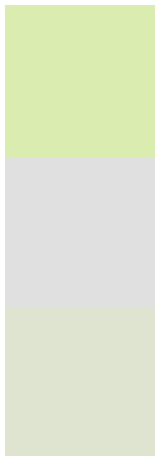
Deuteranomaly

73.2723, 77.4895, 59.2392

Tritanomaly

71.9556, 77.6082, 78.8976

Monochromacy



Original Color

66.7454, 78.0309, 52.6179

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.1301, 75.5214, 69.9650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7454, 78.0309, 52.6179 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(218, 236, 176)` looks like.

```
.text, #text, p{  
    color:rgb(218, 236, 176)  
}
```

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(218, 236, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 236, 176) }
```

Border

The CSS property to change the border of an element to XYZ 66.7454, 78.0309, 52.6179 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(218, 236, 176) }
```


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

```
.border{ border-color:rgb(218, 236, 176) }
```

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

Here you see how a box with a 4 pixel rgb(218, 236, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 236, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 236, 176);  
box-shadow:4px 4px 4px 4px rgb(218, 236,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7454, 78.0309, 52.6179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 236, 176) }
```

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

```
.background{ background-color: rgb(218,  
236, 176) }
```

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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