

Converting Colors

XYZ(66.2633, 76.9255, 64.4582)

Have a look what the booklet for
XYZ(66.2633, 76.9255, 64.4582)
contains.

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Color

**XYZ(66.3647, 77.1495,
64.2169)**

Conversions

Conversions Part 1

Format	Color
Hex	D2EBC5
RGB	210, 235, 197
RGB Percent	82%, 92%, 77%
CMY	0.1765, 0.0784, 0.2274
CMYK	0.11, 0.00, 0.16, 0.08
HSL	99°, 49%, 85%
HSV	99°, 16%, 92%
XYZ	66.3647, 77.1495, 64.2169
YIQ	223.1930, -2.7020, -17.1180

Conversions

Conversions Part 2

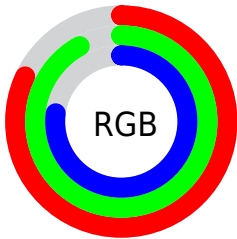
Format	Color
R _{YB}	197, 235, 222
Decimal	13822917
CIE _{Lab}	90.39, -15.00, 15.71
CIE _{LCh}	90, 21.721, 133.681
Y _{xy}	77.1495, 0.3195, 0.3714
Android (android.graphics.Color)	4292012997 (0xFFD2EBC5)
Y _{UV}	223.1930, -12.9131, -11.5703
Hunter-Lab	87.8348, -18.8429, 18.1368

Details

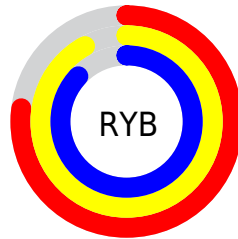
The XYZ color **66.3647, 77.1495, 64.2169** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.0890, 61.4624, 87.0342**, and the grayscale version is **70.3685, 74.0331, 80.6221**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **34.5956, 41.1919, 32.1141** is the 20% darker color. If you saturate the color by 10%, you get **59.6880, 73.9971, 50.9270**, and if you desaturate by 10%, it is **73.8908, 80.6958, 79.7410**.

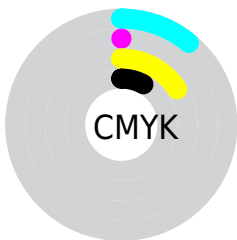
Distribution



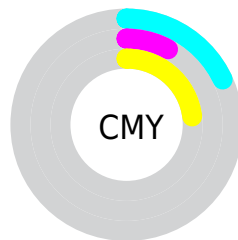
- Red (82%)
- Green (92%)
- Blue (77%)



- Red (77%)
- Yellow (92%)
- Blue (87%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3647, 77.1495, 64.2169 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 66.3647, 77.1495, 64.2169 by changing the saturation by 10% instead.

■ 66.3647, 77.1495,
64.2169

■ 66.3647, 77.1495,
64.2169

437.1482,
485.2736, 458.2014

■ 48.8373, 57.3756,
46.3791

113.0644,
129.3505, 112.5257

■ 34.7044, 41.3069,
32.1942

142.9675,
162.5464, 143.8338

■ 23.6007, 28.5589,
21.2439

177.7265,
200.9850, 180.4690

■ 15.1608, 18.7474,
13.1094

217.7068,
245.0508, 222.8499

■ 9.0194, 11.4879,
7.3723

263.2738,
295.1282, 271.3951

■ 4.8111, 6.3960,
3.6141

314.7928,

■ 2.1704, 3.0873,

351.6015, 326.5230

1.4161

372.6291,
414.8552, 388.6523

■ 0.7271, 1.1775,
0.1542

■ 0.0000, 0.0432,
0.0000

■ 66.3647, 77.1495,
64.2169

■ 66.3647, 77.1495,
64.2169

■ 59.6880, 73.9971,
50.9270

■ 73.8908, 80.6958,
79.7410

■ 53.8231, 71.2146,
39.7636

■ 82.2896, 84.6392,
97.5902

■ 48.7385, 68.7906,
30.6175

■ 88.9999, 87.8997,
106.8833

■ 44.3984, 66.7091,
23.3680

■ 40.7634, 64.9529,
17.8815

■ 37.7904, 63.5030,
14.0068

■ 35.4304, 62.3379,
11.5673

■ 33.6249, 61.4323,
10.3438

■ 33.0506, 61.1420,
10.0596

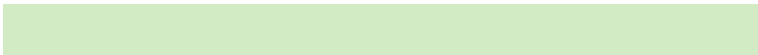
Harmonies

Analogous

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



70.8913, 77.1495, 58.2159



66.3647, 77.1495, 64.2169



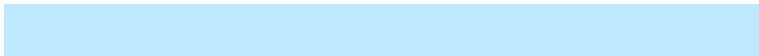
63.7759, 77.1495, 75.8938

Triad

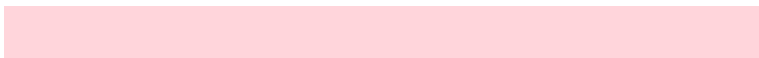
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.3647, 77.1495, 64.2169



70.4393, 77.1495, 116.0201



83.9255, 77.1495, 77.1403

Complementary

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



66.3647, 77.1495, 64.2169



65.0890, 61.4624, 87.0342

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.



83.7898, 77.1495, 92.6696



66.3647, 77.1495, 64.2169



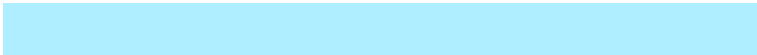
75.8205, 77.1495, 116.4615

Square

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



66.3647, 77.1495, 64.2169



66.0479, 77.1495, 106.3443



80.7627, 77.1495, 107.4848



81.1249, 77.1495, 65.0322

Rectangle

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



66.3647, 77.1495, 64.2169



63.4137, 77.1495, 85.9334



80.7627, 77.1495, 107.4848



84.2259, 77.1495, 82.1011

Sweetspot

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



66.3668, 77.1528, 64.2186



90.0454, 97.6494, 98.3037



70.3838, 73.7799, 63.3558



19.1275, 20.8324, 20.7345



0.0000, 0.0000, 0.0000



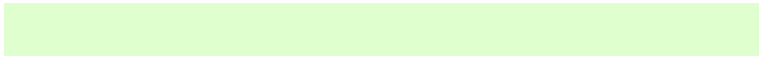
20.3446, 21.4041, 23.3091

Same Dimension

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



66.3668, 77.1528, 64.2186



77.4367, 91.7104, 72.3640



63.4804, 75.5879, 67.5583



15.3541, 17.1125, 16.0125



18.5162, 34.0899, 5.6041



1.5537, 2.7283, 0.4447

Inverse Universe

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



65.0890, 61.4624, 87.0342



75.6576, 69.8792, 104.1082



68.4149, 63.2707, 82.9587



15.1855, 15.0409, 19.0251



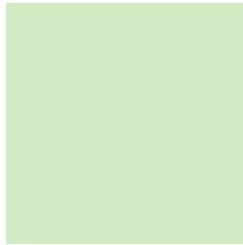
15.9701, 7.2688, 44.3043



1.3564, 0.6236, 3.4837

Previews

White Background



This preview shows how the XYZ color 66.3647, 77.1495, 64.2169 looks on a white background.

Color Contrast Check

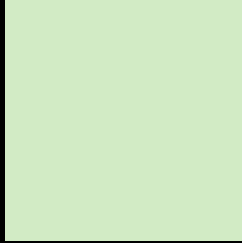
Large Text (above 18pt) WCAG AA × Fail

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 66.3647, 77.1495, 64.2169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

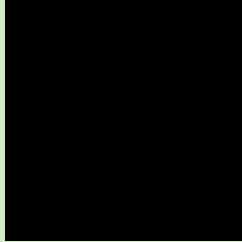
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

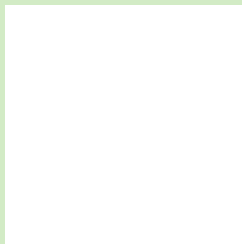
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3647, 77.1495, 64.2169

Background



This preview shows how black text looks on a background with the XYZ color 66.3647, 77.1495, 64.2169.

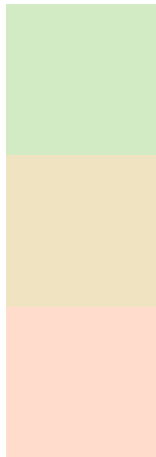


This preview shows how white text looks on a background with the XYZ color 66.3647, 77.1495,

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

66.3647, 77.1495, 64.2169

Protanopia

72.6913, 77.1391, 61.5102

Deuteranopia

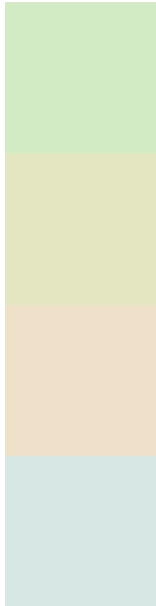
77.7323, 76.8060, 67.8549



Tritanopia

73.2914, 77.0461, 98.1973

Trichromacy



Original Color

66.3647, 77.1495, 64.2169

Protanomaly

70.0293, 76.9827, 62.2071

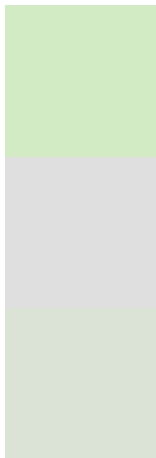
Deuteranomaly

73.0644, 76.4182, 66.1576

Tritanomaly

70.6038, 77.2003, 84.5787

Monochromacy



Original Color

66.3647, 77.1495, 64.2169

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.5201, 74.6986, 74.4252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3647, 77.1495, 64.2169 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(210, 235, 197)` looks like.

```
.text, #text, p{  
    color:rgb(210, 235, 197)  
}
```

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(210, 235, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 235, 197) }
```

Border

The CSS property to change the border of an element to XYZ 66.3647, 77.1495, 64.2169 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(210, 235, 197) }
```


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

```
.border{ border-color:rgb(210, 235, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 235, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 235, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 235, 197);  
box-shadow:4px 4px 4px 4px rgb(210, 235,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3647, 77.1495, 64.2169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 235, 197) }
```

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

```
.background{ background-color: rgb(210,  
235, 197) }
```

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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