

Converting Colors

XYZ(66.4708, 79.8992, 48.7555)

Have a look what the booklet for
XYZ(66.4708, 79.8992, 48.7555)
contains.

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Color

**XYZ(66.2523, 79.5944,
48.9172)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F0A8
RGB	215, 240, 168
RGB Percent	84%, 94%, 66%
CMY	0.1569, 0.0588, 0.3412
CMYK	0.10, 0.00, 0.30, 0.06
HSL	81°, 71%, 80%
HSV	81°, 30%, 94%
XYZ	66.2523, 79.5944, 48.9172
YIQ	224.3170, 8.2120, -27.6920

Conversions

Conversions Part 2

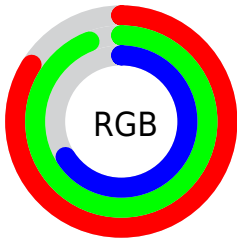
Format	Color
RYB	168, 240, 193
Decimal	14151848
CIELab	91.50, -20.05, 32.17
CIELCh	92, 37.905, 121.928
Yxy	79.5944, 0.3402, 0.4087
Android (android.graphics.Color)	4292341928 (0xFFD7F0A8)
YUV	224.3170, -27.7643, -8.1710
Hunter-Lab	89.2157, -23.5719, 29.9421

Details

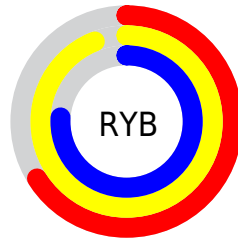
The XYZ color **66.2523, 79.5944, 48.9172** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.7263, 45.6362, 88.5249**, and the grayscale version is **71.2684, 74.9799, 81.6531**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **34.5331, 42.8897, 22.6781** is the 20% darker color. If you saturate the color by 10%, you get **61.8347, 77.5545, 38.0968**, and if you desaturate by 10%, it is **71.2114, 81.8707, 61.9203**.

Distribution



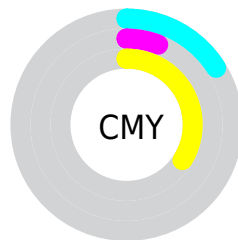
- Red (84%)
- Green (94%)
- Blue (66%)



- Red (66%)
- Yellow (94%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (30%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2523, 79.5944, 48.9172 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 66.2523, 79.5944, 48.9172 by changing the saturation by 10% instead.

66.2523, 79.5944,
48.9172

66.2523, 79.5944,
48.9172

436.7531,
493.5649, 399.0294

48.7457, 59.3846,
34.1887

112.9041,
132.7953, 89.9482

34.6315, 42.9228,
22.7600

142.7800,
166.5553, 117.0877

23.5443, 29.8246,
14.2128

177.5097,
205.6008, 149.2013

15.1189, 19.7055,
8.1284

217.4586,
250.3162, 186.7075

8.9897, 12.1811,
4.0883

262.9921,
301.0859, 230.0249

4.7915, 6.8672,
1.6739


314.4754,


2.1590, 3.3792,


358.2943, 279.5720

0.3427


372.2739,
422.3259, 335.7673


 0.7210, 1.3327,
0.0000


 0.0000, 0.1663,
0.0000


 66.2523, 79.5944,
48.9172

 66.2523, 79.5944,
48.9172


 61.8347, 77.5545,
38.0968


 71.2114, 81.8707,
61.9203

 57.9280, 75.7304,
29.3340

 76.7286, 84.3822,
77.2115

 54.5073, 74.1147,
22.4992

 82.8275, 87.1412,
94.8957

 51.5429, 72.6952,
17.4459

 88.0438, 89.5622,
107.2546

■ 49.0010, 71.4584,
14.0065

■ 90.4518, 90.8035,
107.3673

■ 46.8418, 70.3878,
11.9815

■ 44.9995, 69.4571,
11.0348

Harmonies

Analogous

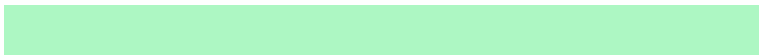
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0293, 79.5944, 43.6455



66.2523, 79.5944, 48.9172



60.4245, 79.5944, 63.9740

Triad

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



66.2523, 79.5944, 48.9172



67.2473, 79.5944, 142.5553



95.7657, 79.5944, 84.8886

Complementary

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



66.2523, 79.5944, 48.9172



51.7263, 45.6362, 88.5249

Split Complementary

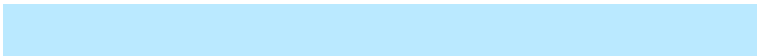
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2445, 79.5944, 114.1717



66.2523, 79.5944, 48.9172



76.2783, 79.5944, 151.4072

Square

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



66.2523, 79.5944, 48.9172



60.9637, 79.5944, 117.9348



85.9014, 79.5944, 140.0777



92.5285, 79.5944, 61.4771

Rectangle

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



66.2523, 79.5944, 48.9172



58.7189, 79.5944, 79.4106



85.9014, 79.5944, 140.0777



95.5629, 79.5944, 94.3478

Sweetspot

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



66.2543, 79.5979, 48.9189



88.7009, 97.1286, 90.4538



61.8556, 59.0543, 45.1854



18.7770, 20.6949, 18.7682



0.0000, 0.0000, 0.0000



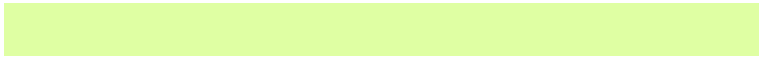
20.3446, 21.4041, 23.3091

Same Dimension

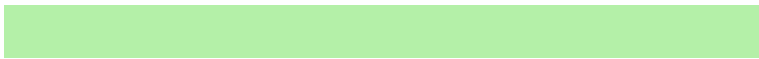
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.2543, 79.5979, 48.9189



72.8572, 89.8785, 48.2527



57.0529, 74.8544, 48.4883



16.5591, 18.1684, 16.7838



24.7810, 38.0966, 6.0473



2.1683, 3.2243, 0.5081

Inverse Universe

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



51.7263, 45.6362, 88.5249



53.7091, 45.0983, 100.4818



61.7286, 50.7926, 88.9930



15.4149, 15.4956, 19.9001



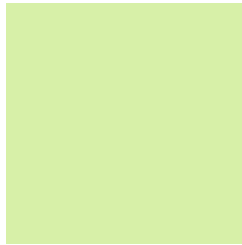
10.7086, 4.5259, 45.4371



0.9943, 0.4299, 3.7848

Previews

White Background



This preview shows how the XYZ color 66.2523, 79.5944, 48.9172 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 66.2523, 79.5944, 48.9172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

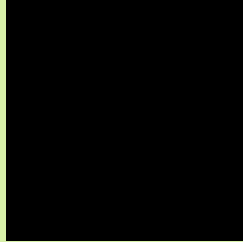
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

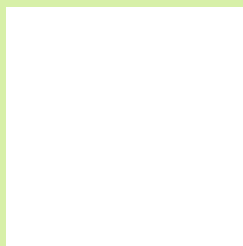
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2523, 79.5944, 48.9172

Background



This preview shows how black text looks on a background with the XYZ color 66.2523, 79.5944, 48.9172.

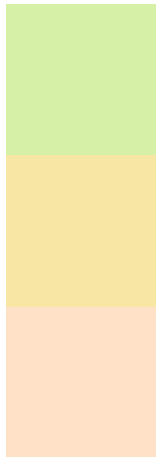


This preview shows how white text looks on a background with the XYZ color 66.2523, 79.5944,

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

66.2523, 79.5944, 48.9172

Protanopia

73.7091, 79.2304, 46.5301

Deuteranopia

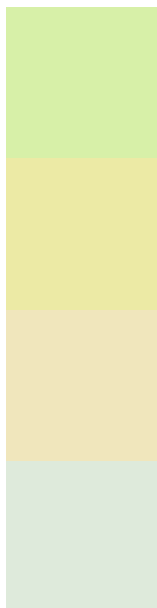
78.4740, 79.2339, 65.1905



Tritanopia

76.6041, 79.5397, 100.1222

Trichromacy



Original Color

66.2523, 79.5944, 48.9172

Protanomaly

70.8064, 79.3951, 47.1902

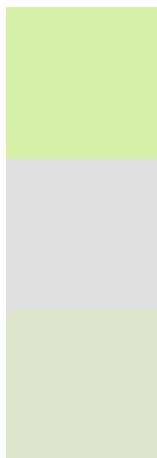
Deuteranomaly

73.3091, 78.7497, 58.9134

Tritanomaly

72.3332, 79.4897, 78.5485

Monochromacy



Original Color

66.2523, 79.5944, 48.9172

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.0147, 76.3254, 68.2216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2523, 79.5944, 48.9172 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(215, 240, 168)` looks like.

```
.text, #text, p{  
    color:rgb(215, 240, 168)  
}
```

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(215, 240, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 240, 168) }
```

Border

The CSS property to change the border of an element to XYZ 66.2523, 79.5944, 48.9172 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(215, 240, 168) }
```


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

```
.border{ border-color:rgb(215, 240, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 240, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 240, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 240, 168);  
box-shadow:4px 4px 4px 4px rgb(215, 240,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2523, 79.5944, 48.9172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 240, 168) }
```

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

```
.background{ background-color: rgb(215,  
240, 168) }
```

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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