

Converting Colors

XYZ(66.4863, 79.1581, 49.4330)

Have a look what the booklet for
XYZ(66.4863, 79.1581, 49.4330)
contains.

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Color

**XYZ(66.6432, 79.3493,
49.3396)**

Conversions

Conversions Part 1

Format	Color
Hex	D9EFA9
RGB	217, 239, 169
RGB Percent	85%, 94%, 66%
CMY	0.1490, 0.0627, 0.3372
CMYK	0.09, 0.00, 0.29, 0.06
HSL	79°, 69%, 80%
HSV	79°, 29%, 94%
XYZ	66.6432, 79.3493, 49.3396
YIQ	224.4420, 9.3580, -26.4340

Conversions

Conversions Part 2

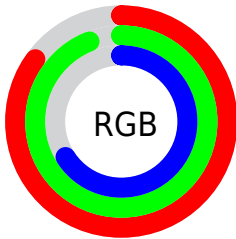
Format	Color
R_{YB}	169, 239, 191
Decimal	14282665
CIE _{Lab}	91.39, -18.70, 31.54
CIE _{LCh}	91, 36.668, 120.663
Yxy	79.3493, 0.3412, 0.4062
Android (android.graphics.Color)	4292472745 (0xFFD9EFA9)
YUV	224.4420, -27.3329, -6.5266
Hunter-Lab	89.0782, -22.3435, 29.5146

Details

The XYZ color **66.6432, 79.3493, 49.3396** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.2570, 45.6865, 87.7826**, and the grayscale version is **71.3545, 75.0705, 81.7517**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **34.7838, 42.7050, 22.9326** is the 20% darker color. If you saturate the color by 10%, you get **62.4195, 77.4103, 38.4810**, and if you desaturate by 10%, it is **71.3829, 81.5117, 62.3664**.

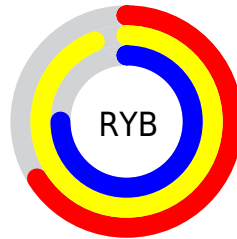
Distribution



Red (85%)

Green (94%)

Blue (66%)



Red (66%)

Yellow (94%)

Blue (75%)

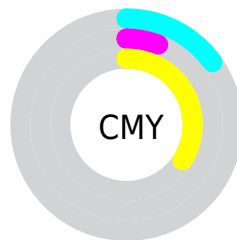


Cyan (9%)

Magenta (0%)

Yellow (29%)

Black (6%)



Cyan (15%)

Magenta (6%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6432, 79.3493, 49.3396 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 66.6432, 79.3493, 49.3396 by changing the saturation by 10% instead.

66.6432, 79.3493,
49.3396

66.6432, 79.3493,
49.3396

438.1261,
492.7372, 400.7386

49.0644, 59.1830,
34.5214

113.4616,
132.4505, 90.5818

34.8853, 42.7605,
23.0139

143.4319,
166.1542, 117.8430

23.7406, 29.6972,
14.3984

178.2634,
205.1392, 150.0889

15.2650, 19.6089,
8.2563

218.3214,
249.7899, 187.7381

9.0931, 12.1111,
4.1693

263.9714,
300.4906, 231.2091

4.8596, 6.8194,
1.7187


315.5786,


2.1990, 3.3494,


357.6258, 280.9205


0.3735


373.5084,
421.5799, 337.2908


 0.7422, 1.3167,
0.0000


 0.0000, 0.1541,
0.0000


 66.6432, 79.3493,
49.3396


 66.6432, 79.3493,
49.3396


 62.4195, 77.4103,
38.4810


 71.3829, 81.5117,
62.3664


 58.6819, 75.6748,
29.6677

 76.6543, 83.8961,
77.6651

 55.4066, 74.1355,
22.7722

 82.4802, 86.5143,
95.3392

 52.5649, 72.7810,
17.6508

 87.2945, 88.7401,
107.1354

■ 50.1243, 71.5980,
14.1393

■ 89.9986, 90.1341,
107.2619

■ 48.0463, 70.5710,
12.0432

■ 90.1582, 90.2164,
107.2694

■ 46.2719, 69.6762,
11.0588

■ 46.1523, 69.6156,
11.0047

Harmonies

Analogous

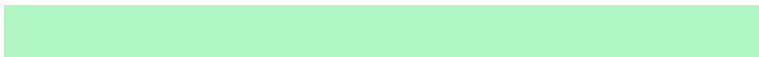
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2120, 79.3493, 44.5650



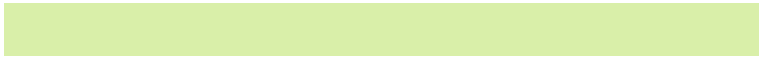
66.6432, 79.3493, 49.3396



60.8492, 79.3493, 63.6104

Triad

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



66.6432, 79.3493, 49.3396



66.9743, 79.3493, 139.3132



94.7975, 79.3493, 85.8056

Complementary

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



66.6432, 79.3493, 49.3396



51.2570, 45.6865, 87.7826

Split Complementary

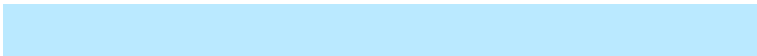
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1469, 79.3493, 114.0656



66.6432, 79.3493, 49.3396



75.6266, 79.3493, 148.5577

Square

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



66.6432, 79.3493, 49.3396



61.0290, 79.3493, 115.3074



84.9335, 79.3493, 138.4985



91.9102, 79.3493, 62.7757

Rectangle

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



66.6432, 79.3493, 49.3396



59.0803, 79.3493, 78.3346



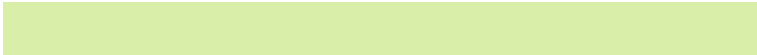
84.9335, 79.3493, 138.4985



94.5226, 79.3493, 94.9963

Sweetspot

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



66.6452, 79.3528, 49.3413



88.9681, 97.2664, 90.4663



61.1744, 58.0447, 45.5168



18.8430, 20.7289, 18.7713



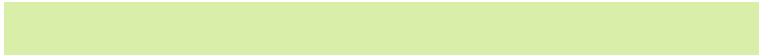
0.0000, 0.0000, 0.0000



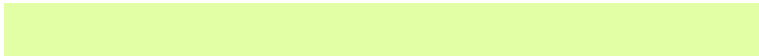
20.3446, 21.4041, 23.3091

Same Dimension

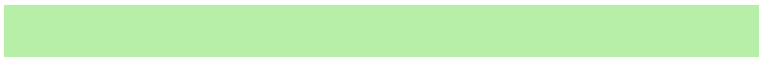
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6452, 79.3528, 49.3413



74.2811, 90.5859, 49.5261



57.5590, 74.6687, 48.9161



16.6115, 18.1954, 16.7863



25.6449, 38.5420, 6.0877



2.2356, 3.2590, 0.5112

Inverse Universe

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



51.2570, 45.6865, 87.7826



53.8390, 45.8452, 100.6191



60.8221, 50.6175, 88.2303



15.3648, 15.4698, 19.8978



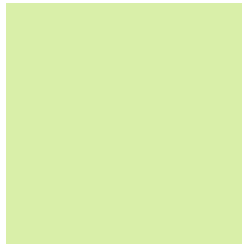
10.3382, 4.3349, 45.4197



0.9589, 0.4116, 3.7831

Previews

White Background



This preview shows how the XYZ color 66.6432, 79.3493, 49.3396 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 66.6432, 79.3493, 49.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

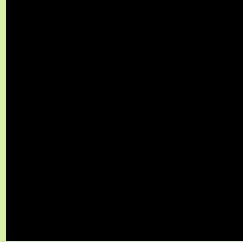
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6432, 79.3493, 49.3396

Background



This preview shows how black text looks on a background with the XYZ color 66.6432, 79.3493, 49.3396.

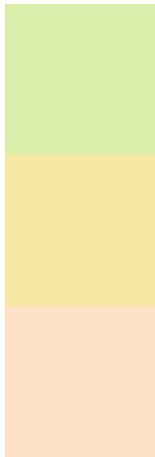


This preview shows how white text looks on a background with the XYZ color 66.6432, 79.3493,

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

66.6432, 79.3493, 49.3396

Protanopia

73.7997, 79.2667, 47.0076

Deuteranopia

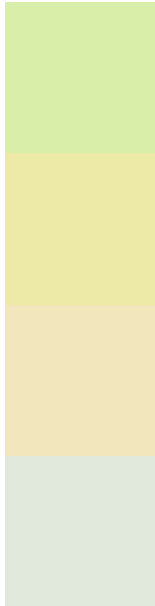
78.4740, 79.2339, 65.1905



Tritanopia

76.8027, 79.2480, 99.2441

Trichromacy



Original Color

66.6432, 79.3493, 49.3396

Protanomaly

70.9469, 79.0355, 47.5925

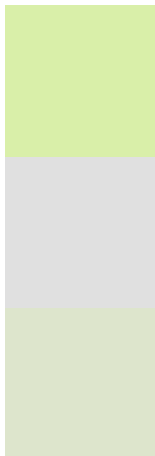
Deuteranomaly

73.6495, 78.9252, 58.9293

Tritanomaly

72.6656, 79.2396, 78.4827

Monochromacy



Original Color

66.6432, 79.3493, 49.3396

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

68.7372, 75.7704, 68.1291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6432, 79.3493, 49.3396 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(217, 239, 169)` looks like.

```
.text, #text, p{  
    color:rgb(217, 239, 169)  
}
```

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(217, 239, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 239, 169) }
```

Border

The CSS property to change the border of an element to XYZ 66.6432, 79.3493, 49.3396 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(217, 239, 169) }
```


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

```
.border{ border-color:rgb(217, 239, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 239, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 239, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 239, 169);  
box-shadow:4px 4px 4px 4px rgb(217, 239,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6432, 79.3493, 49.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 239, 169) }
```

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

```
.background{ background-color: rgb(217,  
239, 169) }
```

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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