

Converting Colors

XYZ(63.2766, 74.8459, 47.9749)

Have a look what the booklet for
XYZ(63.2766, 74.8459, 47.9749)
contains.

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Color

**XYZ(63.0759, 74.5374,
48.1085)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E8A8
RGB	212, 232, 168
RGB Percent	83%, 91%, 66%
CMY	0.1686, 0.0902, 0.3412
CMYK	0.09, 0.00, 0.28, 0.09
HSL	79°, 58%, 78%
HSV	79°, 28%, 91%
XYZ	63.0759, 74.5374, 48.1085
YIQ	218.7240, 8.6240, -24.1440

Conversions

Conversions Part 2

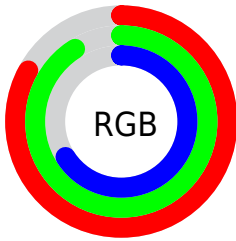
Format	Color
RYB	168, 232, 188
Decimal	13953192
CIELab	89.18, -17.22, 29.01
CIElCh	89, 33.734, 120.692
Yxy	74.5374, 0.3396, 0.4013
Android (android.graphics.Color)	4292143272 (0xFFD4E8A8)
YUV	218.7240, -25.0069, -5.8969
Hunter-Lab	86.3350, -20.6752, 27.3963

Details

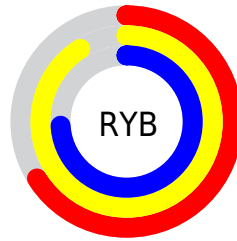
The XYZ color **63.0759, 74.5374, 48.1085** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.3101, 44.5248, 82.3432**, and the grayscale version is **67.3059, 70.8111, 77.1133**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **32.5245, 39.4566, 22.1213** is the 20% darker color. If you saturate the color by 10%, you get **59.0614, 72.6980, 37.6272**, and if you desaturate by 10%, it is **67.5738, 76.5860, 60.6283**.

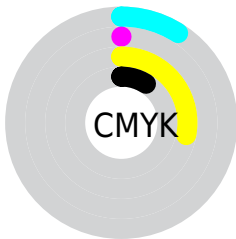
Distribution



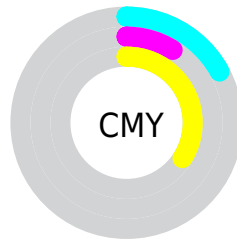
- Red (83%)
- Green (91%)
- Blue (66%)



- Red (66%)
- Yellow (91%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (28%)
- Black (9%)



- Cyan (17%)
- Magenta (9%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0759, 74.5374, 48.1085 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 63.0759, 74.5374, 48.1085 by changing the saturation by 10% instead.

63.0759, 74.5374,
48.1085

63.0759, 74.5374,
48.1085

425.5002,
476.3260, 395.7431

46.1615, 55.2340,
33.5522

108.3602,
125.6573, 88.7332

32.5784, 39.5891,
22.2752

137.4608,
158.2426, 115.6386

21.9614, 27.2183,
13.8590

171.3542,
196.0240, 147.4975

13.9450, 17.7373,
7.8851

210.4057,
239.3859, 184.7285

8.1638, 10.7615,
3.9348

254.9807,
288.7126, 227.7500

4.2527, 5.9067,
1.5896

305.4445,

1.8460, 2.7884,

344.3886, 276.9805

0.2834

362.1626,
406.7983, 332.8388

■ 0.5452, 1.0223,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0759, 74.5374,
48.1085

■ 63.0759, 74.5374,
48.1085

■ 59.0614, 72.6980,
37.6272

■ 67.5738, 76.5860,
60.6283

■ 55.5028, 71.0492,
29.0716

■ 72.5696, 78.8423,
75.2820

■ 52.3785, 69.5846,
22.3252

■ 78.0840, 81.3171,
92.1644

■ 49.6622, 68.2937,
17.2571

■ 83.1861, 83.6383,
106.3672

■ 47.3244, 67.1644,
13.7185

■ 85.7112, 84.9400,
106.4853

■ 45.3307, 66.1829,
11.5348

■ 88.1481, 86.1963,
106.5994

■ 43.6352, 65.3306,
10.4710

■ 43.2536, 65.1374,
10.2931

Harmonies

Analogous

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



70.6547, 74.5374, 43.7711



63.0759, 74.5374, 48.1085



57.9303, 74.5374, 60.9453

Triad

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



63.0759, 74.5374, 48.1085



63.3827, 74.5374, 127.4073



87.8652, 74.5374, 80.6126

Complementary

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



63.0759, 74.5374, 48.1085



49.3101, 44.5248, 82.3432

Split Complementary

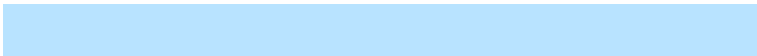
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.5504, 74.5374, 105.4096



63.0759, 74.5374, 48.1085



71.0368, 74.5374, 135.3949

Square

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



63.0759, 74.5374, 48.1085



58.0976, 74.5374, 106.5419



79.2284, 74.5374, 126.6696



85.3340, 74.5374, 60.1656

Rectangle

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



63.0759, 74.5374, 48.1085



56.3568, 74.5374, 74.0512



79.2284, 74.5374, 126.6696



87.6264, 74.5374, 88.7067

Sweetspot

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



63.0778, 74.5407, 48.1101



89.6306, 97.5657, 92.4026



58.1620, 55.6109, 44.7154



18.9765, 20.7893, 19.1569



0.0000, 0.0000, 0.0000



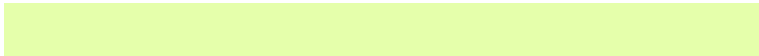
20.3446, 21.4041, 23.3091

Same Dimension

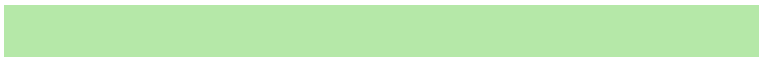
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.0778, 74.5407, 48.1101



75.3133, 91.0630, 52.0606



54.9361, 70.3435, 47.7291



15.1404, 16.5794, 15.3066



24.1468, 36.2296, 5.7203



1.8790, 2.7260, 0.4271

Inverse Universe

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



49.3101, 44.5248, 82.3432



55.6503, 48.1800, 100.9743



57.8444, 48.9244, 82.7426



14.0046, 14.1046, 18.1287



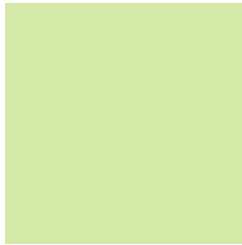
9.7055, 4.0692, 42.6571



0.8102, 0.3487, 3.1566

Previews

White Background



This preview shows how the XYZ color 63.0759, 74.5374, 48.1085 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 63.0759, 74.5374, 48.1085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

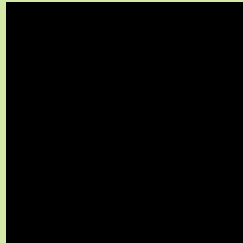
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0759, 74.5374, 48.1085

Background



This preview shows how black text looks on a background with the XYZ color 63.0759, 74.5374, 48.1085.



This preview shows how white text looks on a background with the XYZ color 63.0759, 74.5374,

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

63.0759, 74.5374, 48.1085

Protanopia

69.0237, 73.9810, 45.7638

Deuteranopia

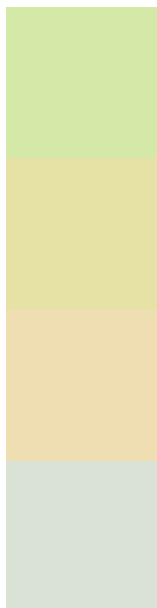
74.7046, 74.3464, 55.7603



Tritanopia

72.2401, 74.5962, 93.0291

Trichromacy



Original Color

63.0759, 74.5374, 48.1085

Protanomaly

66.6210, 73.9323, 46.3564

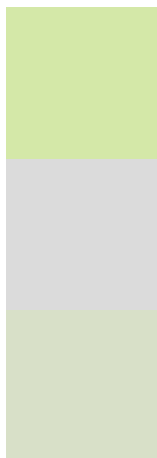
Deuteranomaly

69.7538, 73.8076, 52.6894

Tritanomaly

68.2474, 74.1532, 74.3343

Monochromacy



Original Color

63.0759, 74.5374, 48.1085

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.3999, 72.0804, 65.1095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0759, 74.5374, 48.1085 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(212, 232, 168)` looks like.

```
.text, #text, p{  
    color:rgb(212, 232, 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(212, 232, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 232, 168) }
```

Border

The CSS property to change the border of an element to XYZ 63.0759, 74.5374, 48.1085 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(212, 232, 168) }
```


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

```
.border{ border-color:rgb(212, 232, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 232, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 232, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 232, 168);  
box-shadow:4px 4px 4px 4px rgb(212, 232,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0759, 74.5374, 48.1085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 232, 168) }
```

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

```
.background{ background-color: rgb(212,  
232, 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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