

Converting Colors

XYZ(60.7953, 69.1201, 47.9220)

Have a look what the booklet for
XYZ(60.7953, 69.1201, 47.9220)
contains.

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Color

**XYZ(60.8175, 69.2910,
48.1993)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DEAA
RGB	213, 222, 170
RGB Percent	84%, 87%, 67%
CMY	0.1647, 0.1294, 0.3333
CMYK	0.04, 0.00, 0.23, 0.13
HSL	70°, 44%, 77%
HSV	70°, 23%, 87%
XYZ	60.8175, 69.2910, 48.1993
YIQ	213.3810, 11.3280, -18.0800

Conversions

Conversions Part 2

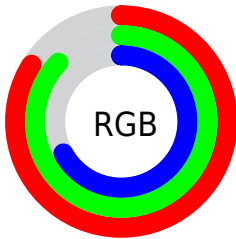
Format	Color
RYB	170, 222, 179
Decimal	14016170
CIELab	86.65, -11.59, 24.55
CIELCh	87, 27.152, 115.270
Yxy	69.2910, 0.3411, 0.3886
Android (android.graphics.Color)	4292206250 (0xFFD5DEAA)
YUV	213.3810, -21.3868, -0.3341
Hunter-Lab	83.2412, -15.2569, 23.9381

Details

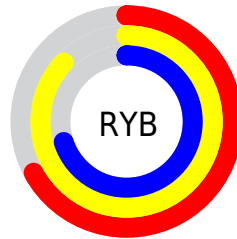
The XYZ color **60.8175, 69.2910, 48.1993** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.1528, 43.6090, 75.0961**, and the grayscale version is **63.6360, 66.9500, 72.9085**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **31.1893, 36.2145, 22.4858** is the 20% darker color. If you saturate the color by 10%, you get **57.7910, 67.9554, 38.0054**, and if you desaturate by 10%, it is **64.2288, 70.7882, 60.2652**.

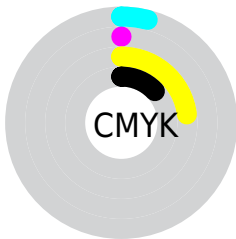
Distribution



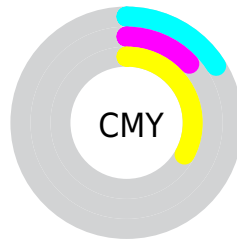
- Red (84%)
- Green (87%)
- Blue (67%)



- Red (67%)
- Yellow (87%)
- Blue (70%)



- Cyan (4%)
- Magenta (0%)
- Yellow (23%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8175, 69.2910, 48.1993 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 60.8175, 69.2910, 48.1993 by changing the saturation by 10% instead.

60.8175, 69.2910,
48.1993

60.8175, 69.2910,
48.1993

417.3911,
458.0566, 396.1130

44.3299, 50.9487,
33.6236

105.1143,
118.1971, 88.8697

31.1290, 36.1678,
22.3296

133.6541,
149.5298, 115.8015

20.8494, 24.5638,
13.8987

166.9421,
185.9613, 147.6891

13.1258, 15.7524,
7.9123

205.3435,
227.8762, 184.9511

7.5928, 9.3491,
3.9519

249.2238,
275.6588, 228.0059

3.8851, 4.9696,
1.5990

298.9482,

1.6373, 2.2294,

329.6934, 277.2721

0.2901

354.8822,
390.3646, 333.1683

0.4166, 0.7360,
0.0000

0.0000, 0.0000,
0.0000

60.8175, 69.2910,
48.1993

60.8175, 69.2910,
48.1993

57.7910, 67.9554,
38.0054

64.2288, 70.7882,
60.2652

55.1258, 66.7651,
29.5854

68.0361, 72.4446,
74.2859

52.8042, 65.7152,
22.8388

72.2571, 74.2695,
90.3446

50.8048, 64.7971,
17.6533

76.2877, 76.0214,
105.2605

■ 49.1034, 64.0013,
13.9030

■ 77.5237, 76.6586,
105.3184

■ 47.6722, 63.3165,
11.4424

■ 78.7871, 77.3099,
105.3775

■ 46.4775, 62.7292,
10.0954

■ 80.0778, 77.9753,
105.4379

■ 45.7850, 62.3818,
9.6278

■ 81.3963, 78.6550,
105.4996

■ 82.7426, 79.3490,
105.5626

Harmonies

Analogous

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



66.8639, 69.2910, 45.8610



60.8175, 69.2910, 48.1993



56.3883, 69.2910, 57.3417

Triad

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



60.8175, 69.2910, 48.1993



59.1900, 69.2910, 107.7342



78.6968, 69.2910, 78.3460

Complementary

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



60.8175, 69.2910, 48.1993



46.1528, 43.6090, 75.0961

Split Complementary

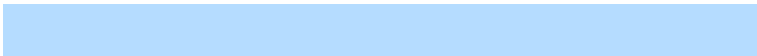
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3349, 69.2910, 97.0089



60.8175, 69.2910, 48.1993



64.8642, 69.2910, 115.6138

Square

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



60.8175, 69.2910, 48.1993



55.4916, 69.2910, 91.2616



71.1717, 69.2910, 111.4063



77.4435, 69.2910, 61.5723

Rectangle

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



60.8175, 69.2910, 48.1993



54.8148, 69.2910, 66.9567



71.1717, 69.2910, 111.4063



78.2952, 69.2910, 84.6244

Sweetspot

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



60.8193, 69.2941, 48.2008



91.1799, 98.3216, 94.4080



53.4357, 50.5406, 44.9702



19.4476, 21.0150, 19.9536



0.0000, 0.0000, 0.0000



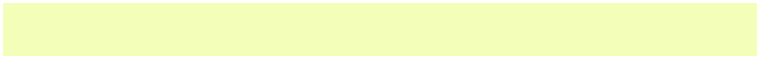
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8193, 69.2941, 48.2008



81.2064, 93.9539, 58.9828



53.9546, 65.7552, 47.8795



14.6267, 15.9032, 14.6055



27.2775, 37.0946, 5.7223



1.9529, 2.6032, 0.3995

Inverse Universe

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



46.1528, 43.6090, 75.0961



57.8632, 53.0660, 101.8008



52.6469, 46.9568, 75.4000



13.1722, 13.3568, 17.2716



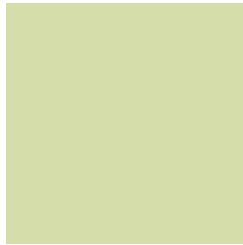
8.3807, 3.4157, 41.2660



0.6479, 0.2713, 2.8635

Previews

White Background



This preview shows how the XYZ color 60.8175, 69.2910, 48.1993 looks on a white background.

Color Contrast Check

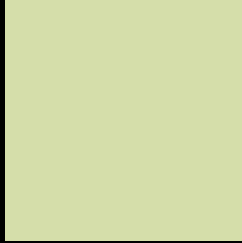
Large Text (above 18pt) WCAG AA × Fail

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 60.8175, 69.2910, 48.1993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

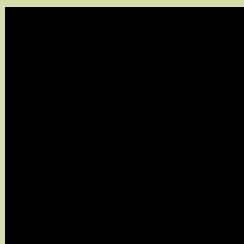
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

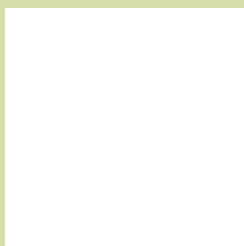
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8175, 69.2910, 48.1993

Background



This preview shows how black text looks on a background with the XYZ color 60.8175, 69.2910, 48.1993.



This preview shows how white text looks on a background with the XYZ color 60.8175, 69.2910,

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

60.8175, 69.2910, 48.1993

Protanopia

64.4859, 68.8907, 46.4577

Deuteranopia

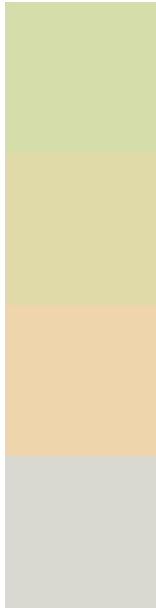
70.6067, 69.0115, 49.1343



Tritanopia

68.2892, 69.2348, 85.3657

Trichromacy



Original Color

60.8175, 69.2910, 48.1993

Protanomaly

62.8798, 68.8173, 47.0147

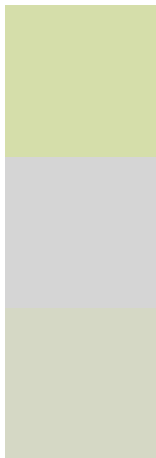
Deuteranomaly

66.5005, 68.7442, 48.7937

Tritanomaly

65.2349, 69.1346, 70.2277

Monochromacy



Original Color

60.8175, 69.2910, 48.1993

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.0745, 67.2891, 62.5397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8175, 69.2910, 48.1993 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(213, 222, 170)` looks like.

```
.text, #text, p{  
    color:rgb(213, 222, 170)  
}
```

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(213, 222, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 222, 170) }
```

Border

The CSS property to change the border of an element to XYZ 60.8175, 69.2910, 48.1993 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(213, 222, 170) }
```


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

```
.border{ border-color:rgb(213, 222, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 222, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 222, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 222, 170);  
box-shadow:4px 4px 4px 4px rgb(213, 222,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8175, 69.2910, 48.1993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 222, 170) }
```

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

```
.background{ background-color: rgb(213,  
222, 170) }
```

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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