

Converting Colors

XYZ(60.3515, 65.7642, 46.9814)

Have a look what the booklet for
XYZ(60.3515, 65.7642, 46.9814)
contains.

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Color

**XYZ(60.1691, 65.5131,
47.0102)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD5A9
RGB	219, 213, 169
RGB Percent	86%, 84%, 66%
CMY	0.1412, 0.1647, 0.3372
CMYK	0.00, 0.03, 0.23, 0.14
HSL	53°, 41%, 76%
HSV	53°, 23%, 86%
XYZ	60.1691, 65.5131, 47.0102
YIQ	209.7780, 17.7000, -12.4120

Conversions

Conversions Part 2

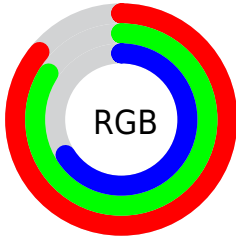
Format	Color
RYB	176, 219, 169
Decimal	14407081
CIELab	84.75, -4.94, 22.54
CIELCh	85, 23.075, 102.351
Yxy	65.5131, 0.3484, 0.3794
Android (android.graphics.Color)	4292597161 (0xFFD5A9)
YUV	209.7780, -20.1036, 8.0877
Hunter-Lab	80.9402, -8.9524, 22.2224

Details

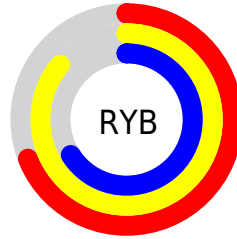
The XYZ color **60.1691, 65.5131, 47.0102** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.4782, 44.2085, 73.2070**, and the grayscale version is **61.2339, 64.4228, 70.1565**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **30.7476, 33.6306, 21.7004** is the 20% darker color. If you saturate the color by 10%, you get **57.6284, 63.4507, 36.8556**, and if you desaturate by 10%, it is **63.0683, 67.7405, 58.9848**.

Distribution



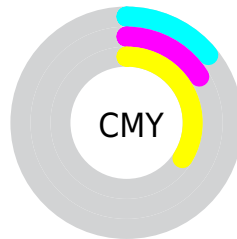
- Red (86%)
- Green (84%)
- Blue (66%)



- Red (69%)
- Yellow (86%)
- Blue (66%)



- Cyan (0%)
- Magenta (3%)
- Yellow (23%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1691, 65.5131, 47.0102 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 60.1691, 65.5131, 47.0102 by changing the saturation by 10% instead.

■ 60.1691, 65.5131,
47.0102

■ 60.1691, 65.5131,
47.0102

415.0455,
444.6335, 391.2502

■ 43.8049, 47.8773,
32.6893

■ 104.1799,
112.7872, 87.0790

■ 30.7144, 33.7297,
21.6194

132.5572,
143.1943, 113.6640

■ 20.5323, 22.6860,
13.3819

165.6696,
178.6272, 145.1741

■ 12.8930, 14.3618,
7.5582

203.8825,
219.4704, 182.0278

■ 7.4314, 8.3728,
3.7299

247.5611,
266.1082, 224.6438

■ 3.7821, 4.3344,
1.4784

297.0710,

■ 1.5796, 1.8623,

318.9251, 273.4405

0.2017

352.7773,
378.3054, 328.8364

■ 0.3791, 0.5256,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1691, 65.5131,
47.0102

■ 60.1691, 65.5131,
47.0102

■ 57.6284, 63.4507,
36.8556

■ 63.0683, 67.7405,
58.9848

■ 55.4240, 61.5377,
28.4265

■ 66.3369, 70.1306,
72.8594

■ 53.5388, 59.7692,
21.6263

■ 69.9916, 72.6924,
88.7139

■ 51.9523, 58.1372,
16.3472

■ 73.7875, 75.3280,
105.2585

■ 50.6416, 56.6322,
12.4682

■ 74.4967, 76.7464,
105.4949

■ 49.5801, 55.2436,
9.8501

■ 75.2168, 78.1866,
105.7349

■ 48.7358, 53.9586,
8.3250

■ 75.9479, 79.6488,
105.9786

■ 48.2264, 53.0858,
7.7048

■ 76.6901, 81.1331,
106.2260

■ 77.4433, 82.6396,
106.4771

Harmonies

Analogous

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



65.3265, 65.5131, 47.5272



60.1691, 65.5131, 47.0102



55.8177, 65.5131, 52.3183

Triad

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



60.1691, 65.5131, 47.0102



55.2167, 65.5131, 92.2487



72.2144, 65.5131, 80.3036

Complementary

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



60.1691, 65.5131, 47.0102



44.4782, 44.2085, 73.2070

Split Complementary

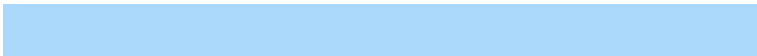
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.1975, 65.5131, 94.4722



60.1691, 65.5131, 47.0102



59.3069, 65.5131, 101.9967

Square

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



60.1691, 65.5131, 47.0102



53.0663, 65.5131, 77.5877



64.4156, 65.5131, 102.8625



72.4768, 65.5131, 65.4232

Rectangle

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



60.1691, 65.5131, 47.0102



53.8829, 65.5131, 58.9368



64.4156, 65.5131, 102.8625



71.4814, 65.5131, 85.3550

Sweetspot

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



60.1708, 65.5160, 47.0116



91.6290, 97.5452, 94.2345



51.2056, 46.5583, 47.1903



19.5519, 20.8346, 19.9132



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.



60.1708, 65.5160, 47.0116



83.3016, 91.1769, 59.7465



56.4914, 65.8995, 47.2795



14.0220, 14.9834, 13.8786



28.6494, 31.5844, 4.5864



1.8944, 2.1230, 0.3099

Inverse Universe

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



44.4782, 44.2085, 73.2070



57.7183, 56.4422, 102.4601



47.5501, 44.0982, 73.0238



12.4638, 12.8674, 16.4789



7.8460, 3.5613, 40.0123



0.5509, 0.3159, 2.6064

Previews

White Background



This preview shows how the XYZ color 60.1691, 65.5131, 47.0102 looks on a white background.

Color Contrast Check

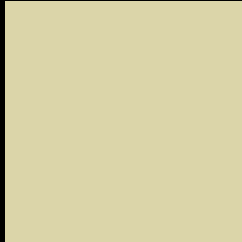
Large Text (above 18pt) WCAG AA × Fail

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 60.1691, 65.5131, 47.0102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

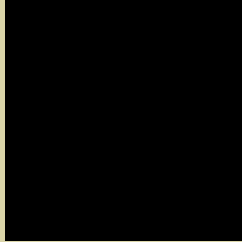
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

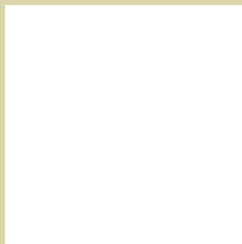
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1691, 65.5131, 47.0102

Background



This preview shows how black text looks on a background with the XYZ color 60.1691, 65.5131, 47.0102.



This preview shows how white text looks on a background with the XYZ color 60.1691, 65.5131,

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

60.1691, 65.5131, 47.0102

Protanopia

61.4135, 65.4232, 46.4369

Deuteranopia

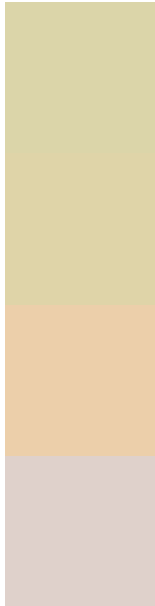
66.7127, 65.2450, 47.6055



Tritanopia

66.6202, 65.5853, 78.2552

Trichromacy



Original Color

60.1691, 65.5131, 47.0102

Protanomaly

61.0428, 65.6021, 46.4910

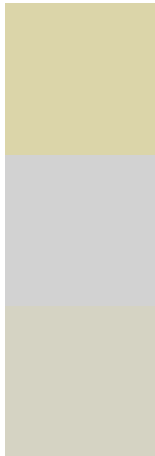
Deuteranomaly

64.1606, 65.3608, 47.2645

Tritanomaly

64.0114, 65.6007, 65.7884

Monochromacy



Original Color

60.1691, 65.5131, 47.0102

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.5852, 64.6748, 60.9201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1691, 65.5131, 47.0102 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(219, 213, 169)` looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 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(219, 213, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 169) }
```

Border

The CSS property to change the border of an element to XYZ 60.1691, 65.5131, 47.0102 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(219, 213, 169) }
```


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

```
.border{ border-color:rgb(219, 213, 169) }
```

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

Here you see how a box with a 4 pixel rgb(219, 213, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 169);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1691, 65.5131, 47.0102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 213, 169) }
```

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

```
.background{ background-color: rgb(219,  
213, 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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