

Converting Colors

XYZ(60.5184, 63.4930, 51.1199)

Have a look what the booklet for
XYZ(60.5184, 63.4930, 51.1199)
contains.

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Color

**XYZ(60.4729, 63.3696,
51.1638)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DECFB2 |
| RGB | 222, 207, 178 |
| RGB Percent | 87%, 81%, 70% |
| CMY | 0.1294, 0.1882, 0.3020 |
| CMYK | 0.00, 0.07, 0.20, 0.13 |
| HSL | 40°, 40%, 78% |
| HSV | 40°, 20%, 87% |
| XYZ | 60.4729, 63.3696, 51.1638 |
| YIQ | 208.1790, 18.2490, -5.8390 |

Conversions

Conversions Part 2

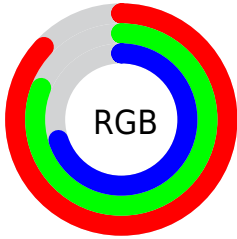
| Format | Color |
|-------------------------------------|--|
| RYB | 201, 222, 178 |
| Decimal | 14602162 |
| CIELab | 83.64, 0.57, 16.30 |
| CIELCh | 84, 16.309, 87.982 |
| Yxy | 63.3696, 0.3455, 0.3621 |
| Android (android.graphics.Color) | 4292792242 (0xFFDECFB2) |
| YUV | 208.1790, -14.8782, 12.1210 |
| Hunter-Lab | 79.6050, -3.7092, 17.6166 |

Details

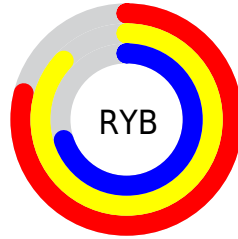
The XYZ color **60.4729, 63.3696, 51.1638** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.6146, 52.8776, 76.6463**, and the grayscale version is **60.1569, 63.2898, 68.9225**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **31.0293, 32.4786, 24.0356** is the 20% darker color. If you saturate the color by 10%, you get **56.6331, 58.9727, 39.7625**, and if you desaturate by 10%, it is **64.7647, 68.0921, 64.4969**.

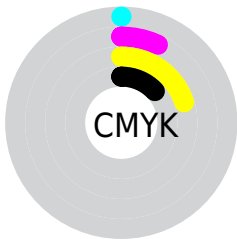
Distribution



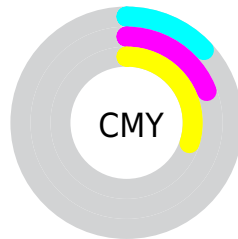
- Red (87%)
- Green (81%)
- Blue (70%)



- Red (79%)
- Yellow (87%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4729, 63.3696, 51.1638 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 60.4729, 63.3696, 51.1638 by changing the saturation by 10% instead.

■ 60.4729, 63.3696,
51.1638

■ 60.4729, 63.3696,
51.1638

416.1455,
436.9096, 408.0646

■ 44.0508, 46.1403,
35.9614

■ 104.6178,
109.7026, 93.3108

■ 30.9086, 32.3565,
24.1149

133.0714,
139.5750, 121.0925

■ 20.6807, 21.6340,
15.2059

166.2661,
174.4306, 153.9043

■ 13.0019, 13.5882,
8.8158

204.5675,
214.6537, 192.1648

■ 7.5069, 7.8348,
4.5260

248.3407,
260.6288, 236.2925

■ 3.8302, 3.9894,
1.9181

297.9512,

■ 1.6065, 1.6677,

312.7402, 286.7061

0.5042

353.7644,
371.3723, 343.8239

■ 0.3967, 0.4026,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4729, 63.3696,
51.1638

■ 60.4729, 63.3696,
51.1638

■ 56.6331, 58.9727,
39.7625

■ 64.7647, 68.0921,
64.4969

■ 53.2216, 54.8837,
30.1974

■ 69.5209, 73.1407,
79.8434

■ 50.2203, 51.0953,
22.3706

■ 74.7593, 78.5265,
97.2848

■ 47.6073, 47.5968,
16.1736

■ 78.5365, 83.4740,
106.5805

■ 45.3583, 44.3765,
11.4853

■ 80.7768, 87.9546,
107.3273

■ 43.4460, 41.4212,
8.1679

■ 83.1108, 92.6225,
108.1053

■ 41.8380, 38.7158,
6.0576

■ 83.9344, 94.2697,
108.3798

■ 40.4794, 36.2362,
4.8723

■ 40.4560, 36.1930,
4.8537

Harmonies

Analogous

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



63.9427, 63.3696, 53.6419



60.4729, 63.3696, 51.1638



57.0685, 63.3696, 53.0588

Triad

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



60.4729, 63.3696, 51.1638



54.3722, 63.3696, 78.6358



66.2382, 63.3696, 79.9510

Complementary

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



60.4729, 63.3696, 51.1638



50.6146, 52.8776, 76.6463

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.



63.5081, 63.3696, 87.8486



60.4729, 63.3696, 51.1638



56.6656, 63.3696, 87.0380

Square

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



60.4729, 63.3696, 51.1638



53.6304, 63.3696, 68.3089



59.9896, 63.3696, 90.5603



67.3519, 63.3696, 69.6932

Rectangle

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



60.4729, 63.3696, 51.1638



55.2756, 63.3696, 56.6628



59.9896, 63.3696, 90.5603



65.4739, 63.3696, 83.0065

Sweetspot

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



60.4746, 63.3724, 51.1651



91.0427, 95.7716, 95.8919



55.7156, 51.2393, 57.6408



19.3966, 20.4027, 20.2350



0.0000, 0.0000, 0.0000



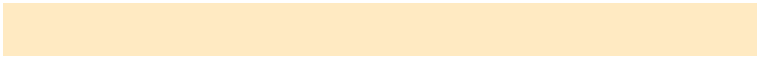
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4746, 63.3724, 51.1651



80.4186, 84.0730, 62.9104



62.2996, 69.9651, 52.3415



14.4579, 15.2017, 14.4790



24.1369, 21.7117, 2.9186



1.7551, 1.6691, 0.2297

Inverse Universe

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



50.6146, 52.8776, 76.6463



64.4601, 67.0894, 104.1599



49.0172, 47.3802, 75.6694



13.3320, 14.0031, 17.3879



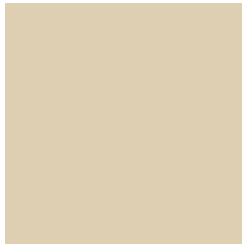
9.4455, 6.3606, 41.7782



0.7358, 0.6031, 2.9229

Previews

White Background



This preview shows how the XYZ color 60.4729, 63.3696, 51.1638 looks on a white background.

Color Contrast Check

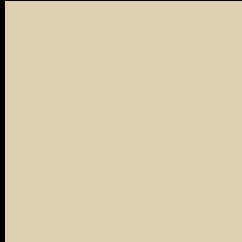
Large Text (above 18pt) WCAG AA × Fail

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 60.4729, 63.3696, 51.1638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

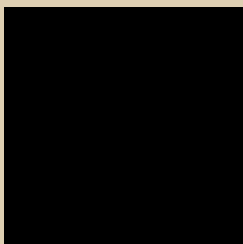
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

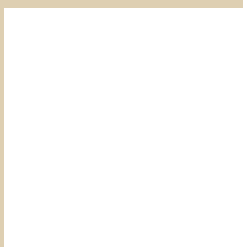
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4729, 63.3696, 51.1638

Background



This preview shows how black text looks on a background with the XYZ color 60.4729, 63.3696, 51.1638.

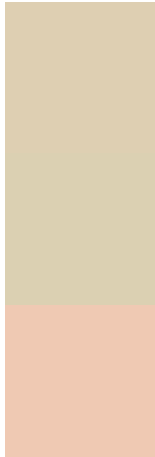


This preview shows how white text looks on a background with the XYZ color 60.4729, 63.3696,

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

60.4729, 63.3696, 51.1638

Protanopia

59.8052, 63.3862, 51.2022

Deuteranopia

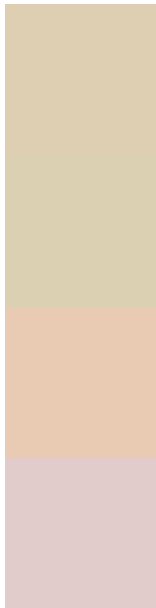
64.6199, 63.3787, 51.4753



Tritanopia

65.0896, 63.1139, 74.3973

Trichromacy



Original Color

60.4729, 63.3696, 51.1638

Protanomaly

60.1070, 63.5417, 51.2163

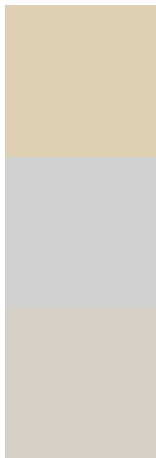
Deuteranomaly

63.0969, 63.2902, 51.5385

Tritanomaly

63.1868, 63.0312, 65.3359

Monochromacy



Original Color

60.4729, 63.3696, 51.1638

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.0745, 63.2891, 61.8731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4729, 63.3696, 51.1638 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(222, 207, 178)` looks like.

```
.text, #text, p{  
    color:rgb(222, 207, 178)  
}
```

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(222, 207, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 207, 178) }
```

Border

The CSS property to change the border of an element to XYZ 60.4729, 63.3696, 51.1638 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(222, 207, 178) }
```


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

```
.border{ border-color:rgb(222, 207, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 207, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 207, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 207, 178);  
box-shadow:4px 4px 4px 4px rgb(222, 207,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4729, 63.3696, 51.1638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 207, 178) }
```

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

```
.background{ background-color: rgb(222,  
207, 178) }
```

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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