

Converting Colors

XYZ(60.4337, 62.9675, 52.1488)

Have a look what the booklet for
XYZ(60.4337, 62.9675, 52.1488)
contains.

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Color

**XYZ(60.4337, 62.9675,
52.1488)**

Conversions

Conversions Part 1

Format	Color
Hex	DECEB4
RGB	222, 206, 180
RGB Percent	87%, 81%, 71%
CMY	0.1294, 0.1921, 0.2941
CMYK	0.00, 0.07, 0.19, 0.13
HSL	37°, 39%, 79%
HSV	37°, 19%, 87%
XYZ	60.4337, 62.9675, 52.1488
YIQ	207.8200, 17.8820, -4.6940

Conversions

Conversions Part 2

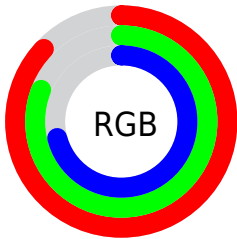
Format	Color
RYB	206, 222, 180
Decimal	14601908
CIELab	83.43, 1.39, 14.94
CIELCh	83, 15.008, 84.679
Yxy	62.9675, 0.3443, 0.3587
Android (android.graphics.Color)	4292791988 (0xFFDECEB4)
YUV	207.8200, -13.7153, 12.4359
Hunter-Lab	79.3521, -2.9224, 16.5821

Details

The XYZ color **60.4337, 62.9675, 52.1488** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.7468, 54.4558, 76.8912**, and the grayscale version is **59.9169, 63.0373, 68.6476**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **30.9954, 32.2043, 24.6611** is the 20% darker color. If you saturate the color by 10%, you get **56.3704, 58.1746, 40.5161**, and if you desaturate by 10%, it is **64.9721, 68.1300, 65.7284**.

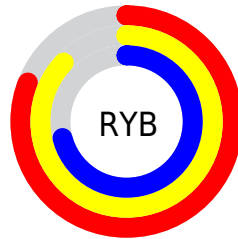
Distribution



Red (87%)

Green (81%)

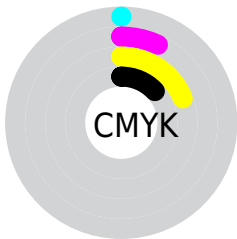
Blue (71%)



Red (81%)

Yellow (87%)

Blue (71%)

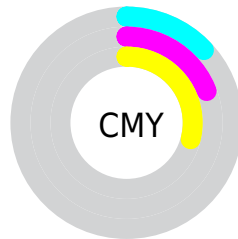


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (13%)



Cyan (13%)


Magenta (19%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4337, 62.9675, 52.1488 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 60.4337, 62.9675, 52.1488 by changing the saturation by 10% instead.


 60.4337, 62.9675,
52.1488

 60.4337, 62.9675,
52.1488


416.0037,
435.4515, 411.9841

 44.0191, 45.8149,
36.7406


 104.5613,
109.1226, 94.7795

 30.8835, 32.0998,
24.7125

133.0050,
138.8940, 122.8390

 20.6615, 21.4377,
15.6459


166.1892,
173.6403, 155.9529

 12.9879, 13.4443,
9.1223

204.4791,
213.7461, 194.5394

 7.4971, 7.7352,
4.7232

248.2402,
259.5957, 239.0173

 3.8240, 3.9260,
2.0299

297.8377,

 1.6030, 1.6323,

311.5736, 289.8050

0.5736

353.6371,
370.0641, 347.3211

■ 0.3944, 0.3792,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4337, 62.9675,
52.1488

■ 60.4337, 62.9675,
52.1488

■ 56.3704, 58.1746,
40.5161

■ 64.9721, 68.1300,
65.7284

■ 52.7583, 53.7325,
30.7351

■ 69.9984, 73.6633,
81.3362

■ 49.5787, 49.6331,
22.7086

■ 75.5310, 79.5795,
99.0534

■ 46.8095, 45.8646,
16.3288

■ 79.2828, 84.9665,
106.8293

■ 44.4261, 42.4144,
11.4758

■ 81.8276, 90.0562,
107.6776

■ 42.4010, 39.2684,
8.0132

■ 83.9343, 94.2697,
108.3798

■ 40.7017, 36.4104,
5.7800

■ 39.2788, 33.8176,
4.5262

■ 39.1346, 33.5501,
4.4132

Harmonies

Analogous

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



63.5580, 62.9675, 54.8929



60.4337, 62.9675, 52.1488



57.2616, 62.9675, 53.4656

Triad

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



60.4337, 62.9675, 52.1488



54.3153, 62.9675, 76.3577



65.1269, 62.9675, 79.5078

Complementary

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



60.4337, 62.9675, 52.1488



51.7468, 54.4558, 76.8912

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.



62.5126, 62.9675, 86.2596



60.4337, 62.9675, 52.1488



56.2866, 62.9675, 84.3280

Square

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



60.4337, 62.9675, 52.1488



53.8040, 62.9675, 66.9045



59.2675, 62.9675, 88.0989



66.3301, 62.9675, 70.2444

Rectangle

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



60.4337, 62.9675, 52.1488



55.5357, 62.9675, 56.5373



59.2675, 62.9675, 88.0989



64.3795, 62.9675, 82.1787

Sweetspot

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



60.4354, 62.9703, 52.1501



90.8528, 95.3919, 95.8286



56.4213, 52.1630, 59.3797



19.3517, 20.3129, 20.2201



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.



60.4354, 62.9703, 52.1501



80.2875, 83.3490, 64.2900



63.0050, 70.3053, 53.4305



14.4104, 15.1068, 14.4632



23.3555, 20.1489, 2.6582



1.7045, 1.5678, 0.2128

Inverse Universe

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



51.7468, 54.4558, 76.8912



66.1559, 69.5023, 104.5362



49.4903, 48.2192, 75.8064



13.3778, 14.0946, 17.4031



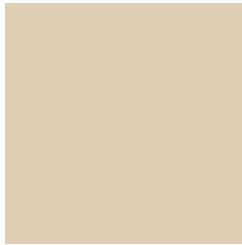
9.8392, 7.1480, 41.9095



0.7665, 0.6645, 2.9331

Previews

White Background



This preview shows how the XYZ color 60.4337, 62.9675, 52.1488 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 60.4337, 62.9675, 52.1488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

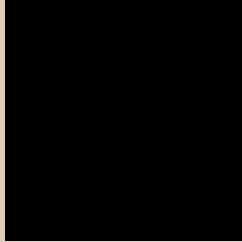
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

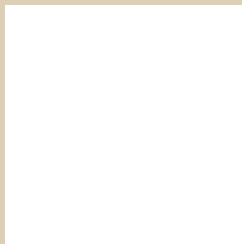
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4337, 62.9675, 52.1488

Background



This preview shows how black text looks on a background with the XYZ color 60.4337, 62.9675, 52.1488.

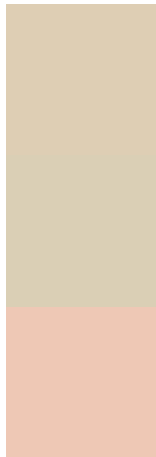


This preview shows how white text looks on a background with the XYZ color 60.4337, 62.9675,

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

60.4337, 62.9675, 52.1488

Protanopia

59.5668, 62.8673, 52.7112

Deuteranopia

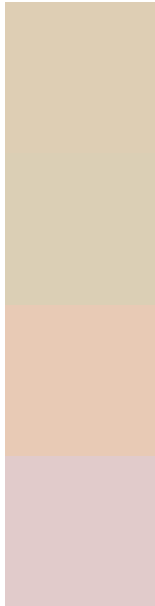
64.2547, 62.8219, 52.4553



Tritanopia

64.9599, 63.0620, 73.7142

Trichromacy



Original Color

60.4337, 62.9675, 52.1488

Protanomaly

59.8667, 63.0219, 52.7252

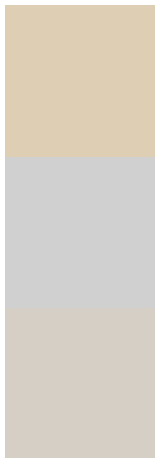
Deuteranomaly

62.7397, 62.7331, 52.5180

Tritanomaly

63.1868, 63.0312, 65.3359

Monochromacy



Original Color

60.4337, 62.9675, 52.1488

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.9464, 62.8490, 62.3976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4337, 62.9675, 52.1488 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, 206, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 180)  
}
```

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, 206, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 180) }
```

Border

The CSS property to change the border of an element to XYZ 60.4337, 62.9675, 52.1488 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, 206, 180) }
```


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

```
.border{ border-color:rgb(222, 206, 180) }
```

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

Here you see how a box with a 4 pixel rgb(222, 206, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 180);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4337, 62.9675, 52.1488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 180) }
```

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

```
.background{ background-color: rgb(222,  
206, 180) }
```

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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