

Converting Colors

XYZ(60.2934, 65.1270, 50.4673)

Have a look what the booklet for
XYZ(60.2934, 65.1270, 50.4673)
contains.

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Color

**XYZ(60.2934, 65.1270,
50.4673)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD4B0
RGB	218, 212, 176
RGB Percent	85%, 83%, 69%
CMY	0.1451, 0.1686, 0.3098
CMYK	0.00, 0.03, 0.19, 0.15
HSL	51°, 36%, 77%
HSV	51°, 19%, 85%
XYZ	60.2934, 65.1270, 50.4673
YIQ	209.6900, 15.1320, -9.9240

Conversions

Conversions Part 2

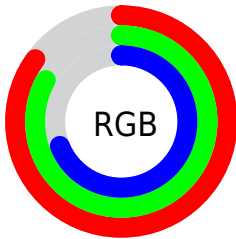
Format	Color
RYB	183, 218, 176
Decimal	14341296
CIELab	84.55, -3.79, 18.58
CIELCh	85, 18.963, 101.515
Yxy	65.1270, 0.3428, 0.3703
Android (android.graphics.Color)	4292531376 (0xFFDAD4B0)
YUV	209.6900, -16.6092, 7.2879
Hunter-Lab	80.7013, -7.8667, 19.4134

Details

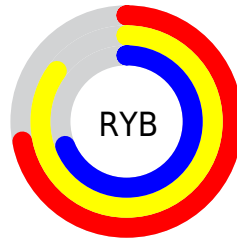
The XYZ color **60.2934, 65.1270, 50.4673** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.2872, 47.7469, 73.0538**, and the grayscale version is **61.1552, 64.3401, 70.0663**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **30.7364, 33.3305, 23.5523** is the 20% darker color. If you saturate the color by 10%, you get **57.5376, 62.7941, 39.7480**, and if you desaturate by 10%, it is **63.4141, 67.6342, 63.0188**.

Distribution



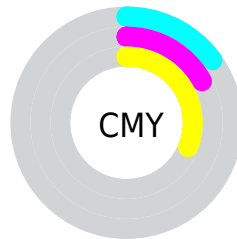
- Red (85%)
- Green (83%)
- Blue (69%)



- Red (72%)
- Yellow (85%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2934, 65.1270, 50.4673 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 60.2934, 65.1270, 50.4673 by changing the saturation by 10% instead.

■ 60.2934, 65.1270,
50.4673

■ 60.2934, 65.1270,
50.4673

415.4958,
443.2482, 405.2779

■ 43.9055, 47.5641,
35.4111

■ 104.3591,
112.2324, 92.2703

■ 30.7938, 33.4818,
23.6936

132.7676,
142.5437, 119.8541

■ 20.5930, 22.4958,
14.8964

165.9137,
177.8732, 152.4509

■ 12.9376, 14.2216,
8.6009

204.1628,
218.6054, 190.4792

■ 7.4623, 8.2750,
4.3886

247.8802,
265.1246, 234.3574

■ 3.8017, 4.2714,
1.8408

297.4313,

■ 1.5906, 1.8265,

317.8152, 284.5043

0.4547

353.1814,
377.0616, 341.3383

■ 0.3863, 0.5036,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2934, 65.1270,
50.4673

■ 60.2934, 65.1270,
50.4673

■ 57.5376, 62.7941,
39.7480

■ 63.4141, 67.6342,
63.0188

■ 55.1249, 60.6202,
30.7697

■ 66.9101, 70.3135,
77.4794

■ 53.0391, 58.6007,
23.4398

■ 70.7975, 73.1735,
93.9267

■ 51.2606, 56.7277,
17.6554

■ 73.7411, 75.6805,
105.3290

■ 49.7676, 54.9924,
13.3020

■ 74.5873, 77.3730,
105.6110

■ 48.5352, 53.3846,
10.2492

■ 75.4490, 79.0963,
105.8983

■ 47.5341, 51.8926,
8.3428

■ 76.3261, 80.8506,
106.1906

■ 46.7163, 50.4968,
7.3306

■ 77.2188, 82.6359,
106.4882

■ 46.6590, 50.3963,
7.2683

■ 78.1271, 84.4526,
106.7910

Harmonies

Analogous

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



64.5133, 65.1270, 51.0532



60.2934, 65.1270, 50.4673



56.6704, 65.1270, 54.8763

Triad

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



60.2934, 65.1270, 50.4673



56.0144, 65.1270, 87.4812



69.9314, 65.1270, 78.5489

Complementary

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



60.2934, 65.1270, 50.4673



47.2872, 47.7469, 73.0538

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.



67.4444, 65.1270, 89.8024



60.2934, 65.1270, 50.4673



59.3607, 65.1270, 95.3502

Square

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



60.2934, 65.1270, 50.4673



54.2761, 65.1270, 75.6596



63.5375, 65.1270, 96.2450



70.2091, 65.1270, 66.3677

Rectangle

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



60.2934, 65.1270, 50.4673



55.0308, 65.1270, 60.3831



63.5375, 65.1270, 96.2450



69.3210, 65.1270, 82.5993

Sweetspot

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



60.2951, 65.1299, 50.4687



91.9909, 97.6679, 96.2080



52.9140, 49.3468, 51.1556



19.6211, 20.8518, 20.3099



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.



60.2951, 65.1299, 50.4687



84.3909, 91.5558, 65.6578



57.6189, 66.0166, 50.7809



13.9956, 14.9305, 13.8698



28.0141, 30.3137, 4.3746



1.8592, 2.0525, 0.2982

Inverse Universe

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



47.2872, 47.7469, 73.0538



62.6709, 62.5324, 103.3746



49.5915, 47.1511, 72.8173



12.4879, 12.9155, 16.4869



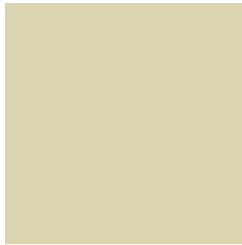
7.9239, 3.7173, 40.0383



0.5623, 0.3387, 2.6102

Previews

White Background



This preview shows how the XYZ color 60.2934, 65.1270, 50.4673 looks on a white background.

Color Contrast Check

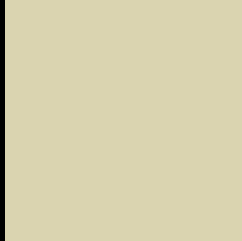
Large Text (above 18pt) WCAG AA × Fail

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 60.2934, 65.1270, 50.4673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

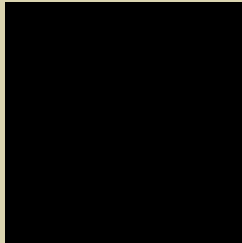
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

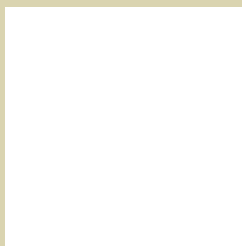
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2934, 65.1270, 50.4673

Background



This preview shows how black text looks on a background with the XYZ color 60.2934, 65.1270, 50.4673.



This preview shows how white text looks on a background with the XYZ color 60.2934, 65.1270,

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

60.2934, 65.1270, 50.4673

Protanopia

61.2159, 64.8763, 49.8534

Deuteranopia

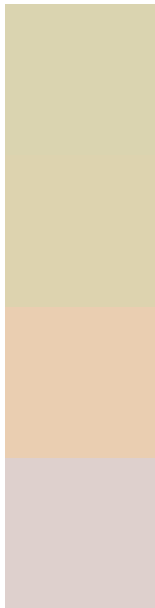
66.3540, 64.9809, 51.1648



Tritanopia

65.9966, 65.2638, 78.2260

Trichromacy



Original Color

60.2934, 65.1270, 50.4673

Protanomaly

60.8509, 65.0558, 49.9073

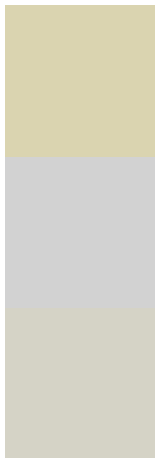
Deuteranomaly

63.9388, 64.8094, 50.7345

Tritanomaly

63.6995, 65.0491, 66.9560

Monochromacy



Original Color

60.2934, 65.1270, 50.4673

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.9279, 64.8119, 62.7248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2934, 65.1270, 50.4673 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(218, 212, 176)` looks like.

```
.text, #text, p{  
    color:rgb(218, 212, 176)  
}
```

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(218, 212, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 212, 176) }
```

Border

The CSS property to change the border of an element to XYZ 60.2934, 65.1270, 50.4673 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(218, 212, 176) }
```


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

```
.border{ border-color:rgb(218, 212, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 212, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 212, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 212, 176);  
box-shadow:4px 4px 4px 4px rgb(218, 212,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2934, 65.1270, 50.4673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 212, 176) }
```

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

```
.background{ background-color: rgb(218,  
212, 176) }
```

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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