

Converting Colors

XYZ(59.5879, 62.9428, 50.5504)

Have a look what the booklet for
XYZ(59.5879, 62.9428, 50.5504)
contains.

XYZ(59.4621, 62.8600, 50.5942)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.4621, 62.8600,
50.5942)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCFB1
RGB	219, 207, 177
RGB Percent	86%, 81%, 69%
CMY	0.1412, 0.1882, 0.3059
CMYK	0.00, 0.05, 0.19, 0.14
HSL	43°, 37%, 78%
HSV	43°, 19%, 86%
XYZ	59.4621, 62.8600, 50.5942
YIQ	207.1680, 16.7820, -6.7860

Conversions

Conversions Part 2

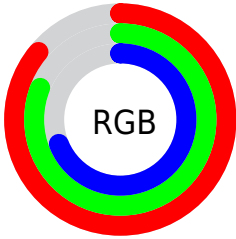
Format	Color
RYB	194, 219, 177
Decimal	14405553
CIELab	83.37, -0.68, 16.42
CIELCh	83, 16.430, 92.375
Yxy	62.8600, 0.3439, 0.3635
Android (android.graphics.Color)	4292595633 (0xFFDBCFB1)
YUV	207.1680, -14.8728, 10.3767
Hunter-Lab	79.2843, -4.8751, 17.6639

Details

The XYZ color **59.4621, 62.8600, 50.5942** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1152, 50.8559, 74.2460**, and the grayscale version is **59.5031, 62.6019, 68.1735**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **30.3392, 32.1302, 23.6715** is the 20% darker color. If you saturate the color by 10%, you get **55.9671, 59.0871, 39.5103**, and if you desaturate by 10%, it is **63.3709, 66.8987, 63.5458**.

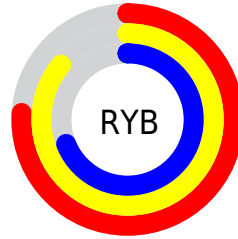
Distribution



Red (86%)

Green (81%)

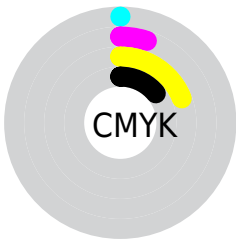
Blue (69%)



Red (76%)

Yellow (86%)

Blue (69%)

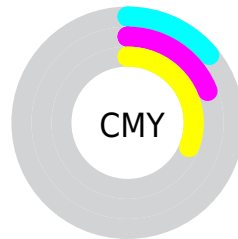


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (14%)



Cyan (14%)

Magenta (19%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4621, 62.8600, 50.5942 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 59.4621, 62.8600, 50.5942 by changing the saturation by 10% instead.

■ 59.4621, 62.8600,
50.5942

■ 59.4621, 62.8600,
50.5942

412.4788,
435.0612, 405.7865

■ 43.2330, 45.7280,
35.5113

■ 103.1598,
108.9675, 92.4600

■ 30.2633, 32.0312,
23.7703

131.3591,
138.7118, 120.0800

■ 20.1876, 21.3853,
14.9527

164.2792,
173.4289, 152.7160

■ 12.6405, 13.4060,
8.6399

202.2854,
213.5033, 190.7867

■ 7.2568, 7.7087,
4.4135

245.7431,
259.3193, 234.7105

■ 3.6710, 3.9091,
1.8548

295.0177,

■ 1.5177, 1.6229,

311.2614, 284.9061

0.4638

350.4745,
369.7139, 341.7919

■ 0.3378, 0.3729,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4621, 62.8600,
50.5942

■ 59.4621, 62.8600,
50.5942

■ 55.9671, 59.0871,
39.5103

■ 63.3709, 66.8987,
63.5458

■ 52.8635, 55.5637,
30.2020

■ 67.7046, 71.2024,
78.4433

■ 50.1342, 52.2837,
22.5755

■ 72.4803, 75.7811,
95.3654

■ 47.7587, 49.2381,
16.5266

■ 76.1274, 80.0077,
106.0384

45.7144, 46.4165,
11.9392

77.9199, 83.5926,
106.6359

43.9756, 43.8074,
8.6817

79.7757, 87.3042,
107.2545

42.5118, 41.3976,
6.5979

81.6954, 91.1436,
107.8944

41.2746, 39.1664,
5.4362

83.0237, 93.8002,
108.3372

41.1780, 38.9888,
5.3553

Harmonies

Analogous

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



62.9918, 62.8600, 52.4376



59.4621, 62.8600, 50.5942



56.1400, 62.8600, 53.1237

Triad

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



59.4621, 62.8600, 50.5942



54.1257, 62.8600, 79.5385



66.0478, 62.8600, 77.9866

Complementary

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



59.4621, 62.8600, 50.5942



49.1152, 50.8559, 74.2460

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.



63.5043, 62.8600, 86.4580



59.4621, 62.8600, 50.5942



56.6147, 62.8600, 87.4150

Square

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



59.4621, 62.8600, 50.5942



53.1367, 62.8600, 69.2630



60.0319, 62.8600, 90.0639



66.8830, 62.8600, 67.6312

Rectangle

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



59.4621, 62.8600, 50.5942



54.4646, 62.8600, 57.1124



60.0319, 62.8600, 90.0639



65.3594, 62.8600, 81.1830

Sweetspot

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



59.4638, 62.8628, 50.5955



91.3054, 96.2969, 95.9795



54.1869, 50.2055, 55.3218



19.4588, 20.5270, 20.2558



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.



59.4638, 62.8628, 50.5955



81.8907, 86.5555, 64.8244



60.0175, 67.6279, 51.4861



13.8316, 14.6026, 13.8152



24.5141, 23.3137, 3.2080



1.6603, 1.6546, 0.2319

Inverse Universe

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



49.1152, 50.8559, 74.2460



64.7259, 66.6422, 104.0596



48.6134, 46.9238, 73.5134



12.6401, 13.2199, 16.5376



8.7020, 5.2735, 40.2976



0.6365, 0.4871, 2.6349

Previews

White Background



This preview shows how the XYZ color 59.4621, 62.8600, 50.5942 looks on a white background.

Color Contrast Check

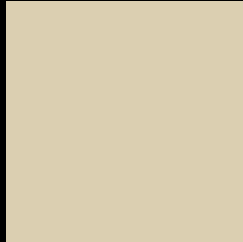
Large Text (above 18pt) WCAG AA × Fail

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 59.4621, 62.8600, 50.5942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

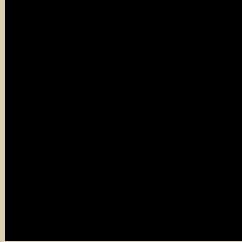
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

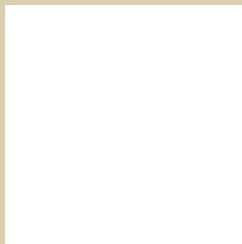
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4621, 62.8600, 50.5942

Background



This preview shows how black text looks on a background with the XYZ color 59.4621, 62.8600, 50.5942.



This preview shows how white text looks on a background with the XYZ color 59.4621, 62.8600,

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

59.4621, 62.8600, 50.5942

Protanopia

59.1621, 62.7054, 50.5801

Deuteranopia

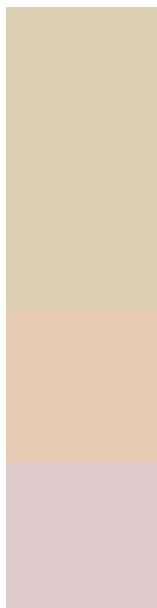
63.9501, 62.7000, 50.8513



Tritanopia

64.1515, 62.6303, 74.3534

Trichromacy



Original Color

59.4621, 62.8600, 50.5942

Protanomaly

59.1621, 62.7054, 50.5801

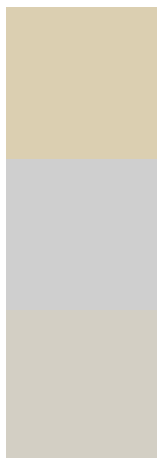
Deuteranomaly

62.3468, 62.9151, 50.9773

Tritanomaly

62.1408, 62.5057, 64.6668

Monochromacy



Original Color

59.4621, 62.8600, 50.5942

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.1406, 62.4601, 61.1635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4621, 62.8600, 50.5942 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, 207, 177)` looks like.

```
.text, #text, p{  
    color:rgb(219, 207, 177)  
}
```

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, 207, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 207, 177) }
```

Border

The CSS property to change the border of an element to XYZ 59.4621, 62.8600, 50.5942 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, 207, 177) }
```


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

```
.border{ border-color:rgb(219, 207, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 207, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 207, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 207, 177);  
box-shadow:4px 4px 4px 4px rgb(219, 207,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4621, 62.8600, 50.5942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 207, 177) }
```

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

```
.background{ background-color: rgb(219,  
207, 177) }
```

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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