

Converting Colors

XYZ(62.5788, 68.2207, 48.3990)

Have a look what the booklet for
XYZ(62.5788, 68.2207, 48.3990)
contains.

XYZ(62.5950, 68.2540, 48.4033)	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(62.5950, 68.2540,
48.4033)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD9AB
RGB	223, 217, 171
RGB Percent	87%, 85%, 67%
CMY	0.1255, 0.1490, 0.3294
CMYK	0.00, 0.03, 0.23, 0.13
HSL	53°, 45%, 77%
HSV	53°, 23%, 87%
XYZ	62.5950, 68.2540, 48.4033
YIQ	213.5500, 18.3420, -13.0340

Conversions

Conversions Part 2

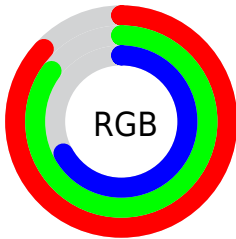
Format	Color
RYB	178, 223, 171
Decimal	14670251
CIELab	86.13, -5.22, 23.45
CIElCh	86, 24.025, 102.537
Yxy	68.2540, 0.3492, 0.3808
Android (android.graphics.Color)	4292860331 (0xFFDFD9AB)
YUV	213.5500, -20.9771, 8.2877
Hunter-Lab	82.6160, -9.3353, 23.0942

Details

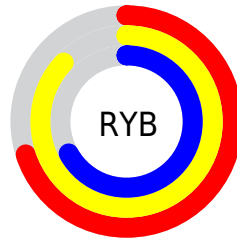
The XYZ color **62.5950, 68.2540, 48.4033** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.8358, 45.4288, 76.1652**, and the grayscale version is **63.7435, 67.0631, 73.0317**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **32.1865, 35.3881, 22.5869** is the 20% darker color. If you saturate the color by 10%, you get **59.9894, 66.1620, 37.9179**, and if you desaturate by 10%, it is **65.5732, 70.5162, 60.7838**.

Distribution



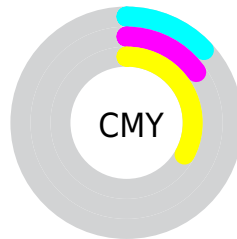
- Red (87%)
- Green (85%)
- Blue (67%)



- Red (70%)
- Yellow (87%)
- Blue (67%)



- Cyan (0%)
- Magenta (3%)
- Yellow (23%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5950, 68.2540, 48.4033 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 62.5950, 68.2540, 48.4033 by changing the saturation by 10% instead.

■ 62.5950, 68.2540,
48.4033

■ 62.5950, 68.2540,
48.4033

423.7812,
454.3954, 396.9432

■ 45.7711, 50.1044,
33.7841

■ 107.6701,
116.7154, 89.1764

■ 32.2691, 35.4964,
22.4518

136.6520,
147.7961, 116.1673

■ 21.7236, 24.0455,
13.9878

170.4172,
183.9558, 148.1193

■ 13.7694, 15.3674,
7.9735

209.3312,
225.5791, 185.4508

■ 8.0411, 9.0776,
3.9905

253.7592,
273.0503, 228.5804

■ 4.1733, 4.7918,
1.6201

304.0666,

■ 1.8006, 2.1257,

326.7538, 277.9267

0.3051

360.6189,
387.0741, 333.9081

■ 0.5181, 0.6790,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5950, 68.2540,
48.4033

■ 62.5950, 68.2540,
48.4033

■ 59.9894, 66.1620,
37.9179

■ 65.5732, 70.5162,
60.7838

■ 57.7329, 64.2237,
29.2284

■ 68.9353, 72.9463,
75.1431

■ 55.8079, 62.4344,
22.2335

■ 72.6990, 75.5537,
91.5651

■ 54.1926, 60.7853,
16.8196

■ 76.0299, 78.0047,
105.6569

■ 52.8629, 59.2667,
12.8597

■ 76.7395, 79.4240,
105.8935

■ 51.7908, 57.8672,
10.2067

■ 77.4597, 80.8644,
106.1336

■ 50.9427, 56.5734,
8.6831

■ 78.1905, 82.3259,
106.3772

■ 50.4641, 55.7530,
8.1017

■ 78.9320, 83.8088,
106.6243

■ 79.6841, 85.3130,
106.8750

Harmonies

Analogous

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



68.1131, 68.2540, 48.9134



62.5950, 68.2540, 48.4033



57.9545, 68.2540, 54.0816

Triad

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



62.5950, 68.2540, 48.4033



57.3579, 68.2540, 96.8369



75.5415, 68.2540, 83.8237

Complementary

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



62.5950, 68.2540, 48.4033



45.8358, 45.4288, 76.1652

Split Complementary

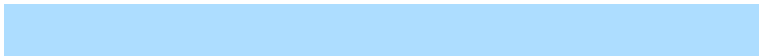
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3222, 68.2540, 99.0587



62.5950, 68.2540, 48.4033



61.7381, 68.2540, 107.2732

Square

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



62.5950, 68.2540, 48.4033



55.0481, 68.2540, 81.1175



67.2064, 68.2540, 108.1396



75.8033, 68.2540, 67.9076

Rectangle

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



62.5950, 68.2540, 48.4033



55.8982, 68.2540, 61.1533



67.2064, 68.2540, 108.1396



74.7613, 68.2540, 89.2460

Sweetspot

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



62.5968, 68.2571, 48.4047



91.6550, 97.5972, 94.2431



52.9375, 47.9916, 48.1039



19.5580, 20.8467, 19.9152



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.



62.5968, 68.2571, 48.4047



83.0398, 91.0839, 58.3322



58.3857, 68.4220, 48.6585



14.7298, 15.7456, 14.5696



29.7255, 32.8890, 4.7815



2.0992, 2.3573, 0.3444

Inverse Universe

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



45.8358, 45.4288, 76.1652



56.5341, 54.9863, 102.2415



49.3521, 45.5222, 75.9979



13.0787, 13.4965, 17.3034



8.0867, 3.6430, 41.3253



0.6035, 0.3384, 2.8788

Previews

White Background



This preview shows how the XYZ color 62.5950, 68.2540, 48.4033 looks on a white background.

Color Contrast Check

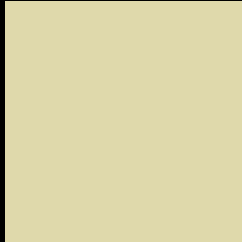
Large Text (above 18pt) WCAG AA × Fail

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 62.5950, 68.2540, 48.4033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

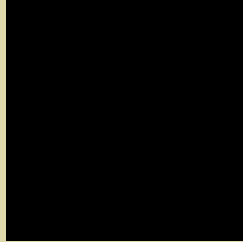
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5950, 68.2540, 48.4033

Background



This preview shows how black text looks on a background with the XYZ color 62.5950, 68.2540, 48.4033.



This preview shows how white text looks on a background with the XYZ color 62.5950, 68.2540,

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

62.5950, 68.2540, 48.4033

Protanopia

63.8692, 68.1612, 47.8204

Deuteranopia

69.6393, 68.1520, 49.0194



Tritanopia

69.4072, 68.4072, 81.4973

Trichromacy



Original Color

62.5950, 68.2540, 48.4033

Protanomaly

63.4901, 68.3449, 47.8758

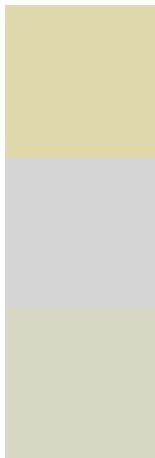
Deuteranomaly

67.0163, 68.2679, 48.6746

Tritanomaly

66.6134, 68.3756, 68.0794

Monochromacy



Original Color

62.5950, 68.2540, 48.4033

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.1088, 67.4298, 63.1151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5950, 68.2540, 48.4033 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(223, 217, 171)` looks like.

```
.text, #text, p{  
    color:rgb(223, 217, 171)  
}
```

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(223, 217, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 217, 171) }
```

Border

The CSS property to change the border of an element to XYZ 62.5950, 68.2540, 48.4033 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(223, 217, 171) }
```


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

```
.border{ border-color:rgb(223, 217, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 217, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 217, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 217, 171);  
box-shadow:4px 4px 4px 4px rgb(223, 217,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5950, 68.2540, 48.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 217, 171) }
```

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

```
.background{ background-color: rgb(223,  
217, 171) }
```

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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