

Converting Colors

XYZ(61.9508, 63.5579, 48.7182)

Have a look what the booklet for
XYZ(61.9508, 63.5579, 48.7182)
contains.

XYZ(62.0073, 63.5028, 48.5243)	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(62.0073, 63.5028,
48.5243)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CDAD
RGB	230, 205, 173
RGB Percent	90%, 80%, 68%
CMY	0.0980, 0.1961, 0.3216
CMYK	0.00, 0.11, 0.25, 0.10
HSL	34°, 53%, 79%
HSV	34°, 25%, 90%
XYZ	62.0073, 63.5028, 48.5243
YIQ	208.8270, 25.1720, -4.6520

Conversions

Conversions Part 2

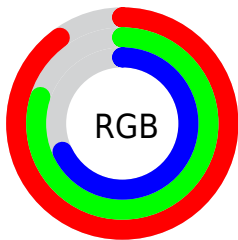
Format	Color
R _Y B	218, 230, 173
Decimal	15125933
CIE Lab	83.71, 3.88, 19.14
CIE LCh	84, 19.530, 78.539
Yxy	63.5028, 0.3563, 0.3649
Android (android.graphics.Color)	4293316013 (0xFFE6CDAD)
YUV	208.8270, -17.6627, 18.5687
Hunter-Lab	79.6886, -0.5608, 19.6790

Details

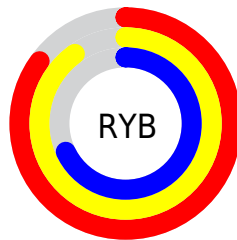
The XYZ color **62.0073, 63.5028, 48.5243** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.7102, 54.9841, 82.7508**, and the grayscale version is **60.5930, 63.7485, 69.4222**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **31.9734, 32.5124, 22.6795** is the 20% darker color. If you saturate the color by 10%, you get **57.6356, 58.0195, 37.0160**, and if you desaturate by 10%, it is **66.9210, 69.4562, 62.1049**.

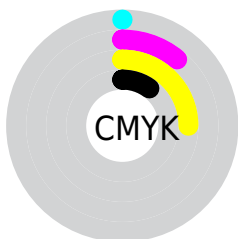
Distribution



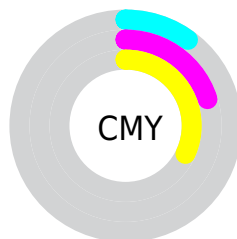
- Red (90%)
- Green (80%)
- Blue (68%)



- Red (85%)
- Yellow (90%)
- Blue (68%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0073, 63.5028, 48.5243 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 62.0073, 63.5028, 48.5243 by changing the saturation by 10% instead.


 62.0073, 63.5028,
48.5243

 62.0073, 63.5028,
48.5243

421.6749,
437.3920, 397.4351

 45.2942, 46.2481,
33.8793


 106.8260,
109.8946, 89.3582

 31.8915, 32.4416,
22.5243


135.6622,
139.8004, 116.3842

 21.4338, 21.6991,
14.0407


169.2703,
174.6921, 148.3743

 13.5557, 13.6359,
8.0099

208.0155,
214.9540, 185.7470

 7.8919, 7.8679,
4.0134

252.2632,
260.9706, 228.9209

 4.0771, 4.0105,
1.6327

302.3788,

 1.7458, 1.6795,

313.1262, 278.3145

0.3140

358.7275,
371.8052, 334.3464

■ 0.4847, 0.4103,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0073, 63.5028,
48.5243

■ 62.0073, 63.5028,
48.5243

■ 57.6356, 58.0195,
37.0160

■ 66.9210, 69.4562,
62.1049

■ 53.7784, 52.9840,
27.4717

■ 72.3929, 75.8840,
77.8506

■ 50.4131, 48.3847,
19.7792

■ 78.4443, 82.8015,
95.8537

■ 47.5129, 44.2059,
13.8133

■ 83.4414, 89.5593,
107.4966

■ 45.0481, 40.4306,
9.4328

■ 86.4433, 95.5631,
108.4972

■ 42.9845, 37.0400,
6.4741

■ 41.2809, 34.0120,
4.7371

■ 40.5023, 32.5611,
4.1502

Harmonies

Analogous

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



65.9711, 63.5028, 52.9446



62.0073, 63.5028, 48.5243



57.7789, 63.5028, 49.1214

Triad

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



62.0073, 63.5028, 48.5243



52.8874, 63.5028, 76.9102



66.7363, 63.5028, 85.9497

Complementary

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



62.0073, 63.5028, 48.5243



51.7102, 54.9841, 82.7508

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.



63.0117, 63.5028, 93.9792



62.0073, 63.5028, 48.5243



55.0717, 63.5028, 88.3500

Square

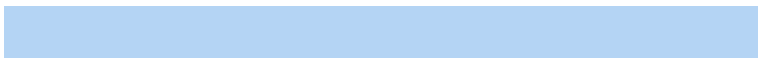
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.0073, 63.5028, 48.5243



52.6471, 63.5028, 64.5662



58.7372, 63.5028, 94.9061



68.7863, 63.5028, 73.9327

Rectangle

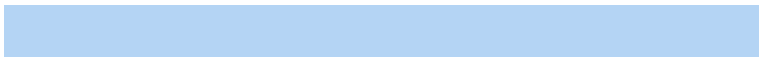
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.0073, 63.5028, 48.5243



55.3746, 63.5028, 52.3007



58.7372, 63.5028, 94.9061



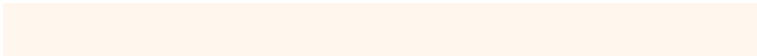
65.6307, 63.5028, 89.2627

Sweetspot

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



62.0090, 63.5057, 48.5256



89.8616, 94.0103, 93.6453



57.8455, 50.8182, 60.5808



19.1419, 20.0146, 19.7766



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.



62.0090, 63.5057, 48.5256



75.3026, 76.4474, 53.1701



67.5660, 75.9664, 50.6379



15.0450, 15.7038, 15.1426



23.0539, 18.6819, 2.3909



1.7957, 1.5648, 0.2074

Inverse Universe

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



51.7102, 54.9841, 82.7508



60.0801, 63.8543, 103.7663



47.0979, 44.8138, 81.0308



14.1002, 14.9219, 18.2814



10.8301, 8.7223, 43.4959



0.8915, 0.8269, 3.2446

Previews

White Background



This preview shows how the XYZ color 62.0073, 63.5028, 48.5243 looks on a white background.

Color Contrast Check

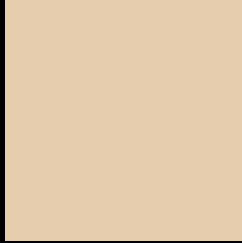
Large Text (above 18pt) WCAG AA × Fail

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 62.0073, 63.5028, 48.5243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

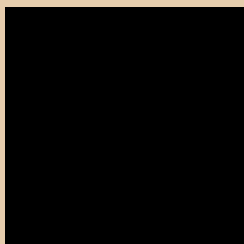
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0073, 63.5028, 48.5243

Background



This preview shows how black text looks on a background with the XYZ color 62.0073, 63.5028, 48.5243.



This preview shows how white text looks on a background with the XYZ color 62.0073, 63.5028,

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

62.0073, 63.5028, 48.5243

Protanopia

59.8089, 63.4225, 49.6469

Deuteranopia

64.8023, 63.5301, 48.8915



Tritanopia

66.9501, 63.4153, 73.0017

Trichromacy



Original Color

62.0073, 63.5028, 48.5243

Protanomaly

60.6933, 63.5289, 49.1078

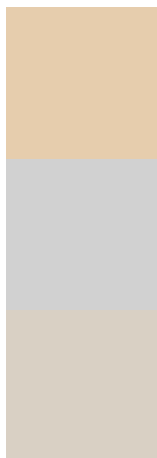
Deuteranomaly

63.6856, 63.3016, 48.9062

Tritanomaly

64.9162, 63.2671, 63.4339

Monochromacy



Original Color

62.0073, 63.5028, 48.5243

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.1350, 63.8490, 61.3265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0073, 63.5028, 48.5243 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(230, 205, 173)` looks like.

```
.text, #text, p{  
    color:rgb(230, 205, 173)  
}
```

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(230, 205, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 205, 173) }
```

Border

The CSS property to change the border of an element to XYZ 62.0073, 63.5028, 48.5243 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(230, 205, 173) }
```


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

```
.border{ border-color:rgb(230, 205, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 205, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 205, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 205, 173);  
box-shadow:4px 4px 4px 4px rgb(230, 205,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0073, 63.5028, 48.5243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 205, 173) }
```

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

```
.background{ background-color: rgb(230,  
205, 173) }
```

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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