

Converting Colors

XYZ(62.3382, 65.1120, 48.8175)

Have a look what the booklet for
XYZ(62.3382, 65.1120, 48.8175)
contains.

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Color

**XYZ(62.3382, 65.1120,
48.8175)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D1AD
RGB	228, 209, 173
RGB Percent	89%, 82%, 68%
CMY	0.1059, 0.1804, 0.3216
CMYK	0.00, 0.08, 0.24, 0.11
HSL	39°, 50%, 79%
HSV	39°, 24%, 89%
XYZ	62.3382, 65.1120, 48.8175
YIQ	210.5770, 22.8800, -7.1680

Conversions

Conversions Part 2

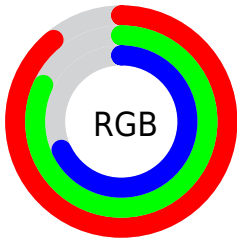
Format	Color
R_{YB}	202, 228, 173
Decimal	14995885
CIE _{Lab}	84.54, 1.05, 20.27
CIE _{LCh}	85, 20.300, 87.033
Yxy	65.1120, 0.3537, 0.3694
Android (android.graphics.Color)	4293185965 (0xFFE4D1AD)
YUV	210.5770, -18.5255, 15.2800
Hunter-Lab	80.6920, -3.3117, 20.6148

Details

The XYZ color **62.3382, 65.1120, 48.8175** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.0866, 52.1837, 80.8318**, and the grayscale version is **61.7470, 64.9626, 70.7443**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **32.1858, 33.5938, 22.8770** is the 20% darker color. If you saturate the color by 10%, you get **58.4336, 60.5370, 37.5445**, and if you desaturate by 10%, it is **66.7183, 70.0345, 62.1080**.

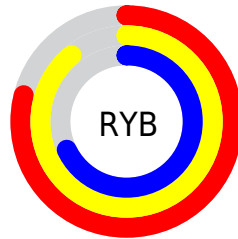
Distribution



Red (89%)

Green (82%)

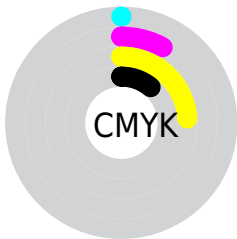
Blue (68%)



Red (79%)

Yellow (89%)

Blue (68%)

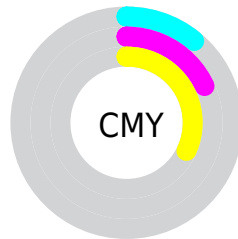


Cyan (0%)

Magenta (8%)

Yellow (24%)

Black (11%)



Cyan (11%)


Magenta (18%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3382, 65.1120, 48.8175 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 62.3382, 65.1120, 48.8175 by changing the saturation by 10% instead.


 62.3382, 65.1120,
48.8175

 62.3382, 65.1120,
48.8175


422.8616,
443.1943, 398.6252

 45.5627, 47.5519,
34.1101


 107.3014,
112.2109, 89.7985

 32.1040, 33.4722,
22.7002

136.2197,
142.5184, 116.9093

 21.5969, 22.4884,
14.1691


169.9163,
177.8439, 148.9916

 13.6759, 14.2162,
8.0983

208.7566,
218.5718, 186.4640

 7.9758, 8.2712,
4.0692

253.1060,
265.0863, 229.7450

 4.1312, 4.2690,
1.6634

303.3297,

 1.7766, 1.8251,

317.7720, 279.2532

0.3355

359.7931,
377.0132, 335.4071

■ 0.5035, 0.5028,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3382, 65.1120,
48.8175

■ 62.3382, 65.1120,
48.8175

■ 58.4336, 60.5370,
37.5445

■ 66.7183, 70.0345,
62.1080

■ 54.9788, 56.2904,
28.1837

■ 71.5878, 75.3054,
77.5057

■ 51.9535, 52.3639,
20.6265

■ 76.9664, 80.9369,
95.1001

■ 49.3331, 48.7455,
14.7518

■ 81.3536, 86.3311,
106.9835

■ 47.0906, 45.4220,
10.4233

■ 83.7288, 91.0815,
107.7752

■ 45.1945, 42.3785,
7.4831

■ 85.8051, 95.2341,
108.4673

■ 43.6069, 39.5972,
5.7392

■ 42.7831, 38.0700,
5.0933

Harmonies

Analogous

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



66.7411, 65.1120, 51.9848



62.3382, 65.1120, 48.8175



58.0177, 65.1120, 50.9436

Triad

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



62.3382, 65.1120, 48.8175



54.4590, 65.1120, 82.8298



69.4742, 65.1120, 85.3313

Complementary

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



62.3382, 65.1120, 48.8175



50.0866, 52.1837, 80.8318

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.



65.9246, 65.1120, 95.4767



62.3382, 65.1120, 48.8175



57.2742, 65.1120, 93.9133

Square

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



62.3382, 65.1120, 48.8175



53.6017, 65.1120, 69.6146



61.4380, 65.1120, 98.7924



70.9849, 65.1120, 72.1928

Rectangle

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



62.3382, 65.1120, 48.8175



55.7387, 65.1120, 55.2386



61.4380, 65.1120, 98.7924



68.4716, 65.1120, 89.2632

Sweetspot

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



62.3399, 65.1149, 48.8189



90.3727, 95.0327, 93.8157



56.4813, 50.1988, 56.7278



19.2604, 20.2515, 19.8161



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.



62.3399, 65.1149, 48.8189



77.7324, 80.8917, 55.2597



64.7263, 73.6810, 50.3465



15.1606, 15.9351, 15.1812



24.8190, 22.2122, 2.9793



1.9199, 1.8131, 0.2488

Inverse Universe

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



50.0866, 52.1837, 80.8318



59.3314, 61.4771, 103.3469



48.0627, 45.3435, 79.6181



13.9878, 14.6970, 18.2439



9.7898, 6.6416, 43.1492



0.8076, 0.6592, 3.2166

Previews

White Background



This preview shows how the XYZ color 62.3382, 65.1120, 48.8175 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 62.3382, 65.1120, 48.8175 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 62.3382, 65.1120, 48.8175

Background



This preview shows how black text looks on a background with the XYZ color 62.3382, 65.1120, 48.8175.



This preview shows how white text looks on a background with the XYZ color 62.3382, 65.1120,

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

62.3382, 65.1120, 48.8175

Protanopia

61.3657, 65.3325, 49.4205

Deuteranopia

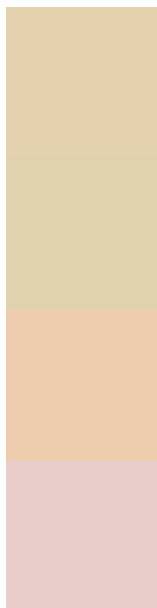
66.3041, 65.0010, 49.0962



Tritanopia

68.0738, 65.3188, 76.0377

Trichromacy



Original Color

62.3382, 65.1120, 48.8175

Protanomaly

61.7379, 65.1567, 49.3670

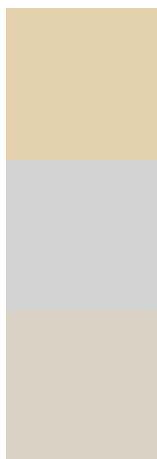
Deuteranomaly

64.7312, 64.8958, 49.1588

Tritanomaly

65.7707, 65.0827, 64.9728

Monochromacy



Original Color

62.3382, 65.1120, 48.8175

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.7399, 64.8761, 62.0916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3382, 65.1120, 48.8175 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(228, 209, 173)` looks like.

```
.text, #text, p{  
    color:rgb(228, 209, 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(228, 209, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 209, 173) }
```

Border

The CSS property to change the border of an element to XYZ 62.3382, 65.1120, 48.8175 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(228, 209, 173) }
```


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

```
.border{ border-color:rgb(228, 209, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 209, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 209, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 209, 173);  
box-shadow:4px 4px 4px 4px rgb(228, 209,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3382, 65.1120, 48.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 209, 173) }
```

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

```
.background{ background-color: rgb(228,  
209, 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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