

Converting Colors

XYZ(62.4388, 68.4194, 59.8938)

Have a look what the booklet for
XYZ(62.4388, 68.4194, 59.8938)
contains.

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Color

**XYZ(62.3174, 68.2447,
59.7572)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DAC0
RGB	214, 218, 192
RGB Percent	84%, 85%, 75%
CMY	0.1608, 0.1451, 0.2471
CMYK	0.02, 0.00, 0.12, 0.15
HSL	69°, 26%, 80%
HSV	69°, 12%, 85%
XYZ	62.3174, 68.2447, 59.7572
YIQ	213.8400, 5.9620, -8.9340

Conversions

Conversions Part 2

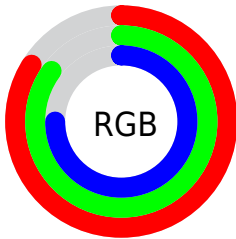
Format	Color
RYB	192, 218, 196
Decimal	14080704
CIELab	86.13, -5.84, 12.34
CIELCh	86, 13.649, 115.329
Yxy	68.2447, 0.3274, 0.3586
Android (android.graphics.Color)	4292270784 (0xFFD6DAC0)
YUV	213.8400, -10.7671, 0.1403
Hunter-Lab	82.6104, -9.9160, 14.9391

Details

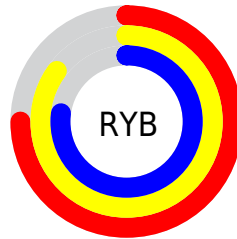
The XYZ color **62.3174, 68.2447, 59.7572** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2720, 54.4988, 73.9921**, and the grayscale version is **63.8778, 67.2044, 73.1856**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **32.0555, 35.4294, 29.5751** is the 20% darker color. If you saturate the color by 10%, you get **59.1096, 66.8518, 47.9183**, and if you desaturate by 10%, it is **65.9069, 69.7971, 73.4845**.

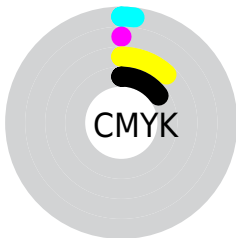
Distribution



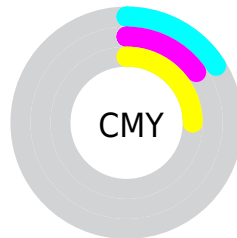
- Red (84%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (77%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)





- Cyan (16%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3174, 68.2447, 59.7572 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 62.3174, 68.2447, 59.7572 by changing the saturation by 10% instead.


 62.3174, 68.2447,
59.7572

 62.3174, 68.2447,
59.7572

422.7871,
454.3625, 441.4820

 45.5458, 50.0968,
42.7989


 107.2715,
116.7021, 106.0173

 32.0906, 35.4903,
29.3972


136.1847,
147.7805, 136.1562

 21.5866, 24.0408,
19.1333

169.8757,
183.9378, 171.5258

 13.6684, 15.3639,
11.5889

208.7101,
225.5585, 212.5445

 7.9705, 9.0752,
6.3453

253.0530,
273.0269, 259.6310

 4.1277, 4.7903,
2.9840

303.2699,

 1.7747, 2.1247,

326.7274, 313.2037

1.0865

359.7261,
387.0445, 373.6812

■ 0.5023, 0.6785,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3174, 68.2447,
59.7572

■ 62.3174, 68.2447,
59.7572

■ 59.1096, 66.8518,
47.9183

■ 65.9069, 69.7971,
73.4845

■ 56.2623, 65.6032,
37.8808

■ 69.8875, 71.5060,
89.1731

■ 53.7602, 64.4949,
29.5576

■ 73.8856, 73.2243,
104.8473

■ 51.5851, 63.5198,
22.8524

■ 74.9368, 73.7663,
104.8965

■ 49.7167, 62.6696,
17.6595

■ 76.0087, 74.3189,
104.9466

■ 48.1325, 61.9353,
13.8608

■ 77.1014, 74.8822,
104.9978

■ 46.8065, 61.3066,
11.3206

■ 78.2150, 75.4562,
105.0499

■ 45.7078, 60.7710,
9.8761

■ 79.3495, 76.0411,
105.1030

■ 44.9444, 60.3898,
9.2876

■ 80.5052, 76.6369,
105.1571

Harmonies

Analogous

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



65.3571, 68.2447, 58.3810



62.3174, 68.2447, 59.7572



60.0278, 68.2447, 64.9043

Triad

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



62.3174, 68.2447, 59.7572



61.4925, 68.2447, 89.4433



71.0658, 68.2447, 75.7229

Complementary

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



62.3174, 68.2447, 59.7572



54.2720, 54.4988, 73.9921

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.



69.9543, 68.2447, 84.5764



62.3174, 68.2447, 59.7572



64.3744, 68.2447, 92.8938

Square

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



62.3174, 68.2447, 59.7572



59.5625, 68.2447, 81.9472



67.4802, 68.2447, 91.0451



70.4723, 68.2447, 67.1569

Rectangle

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



62.3174, 68.2447, 59.7572



59.2011, 68.2447, 70.0159



67.4802, 68.2447, 91.0451



70.8782, 68.2447, 78.7697

Sweetspot

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



62.3192, 68.2477, 59.7587



92.8754, 99.0637, 100.4524



58.1475, 58.1478, 58.0291



19.7938, 21.1669, 21.1718



0.0000, 0.0000, 0.0000



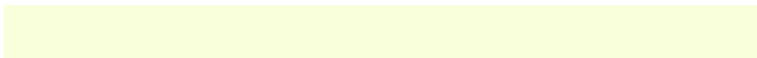
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.3192, 68.2477, 59.7587



87.8321, 96.8825, 81.2960



58.7024, 66.3832, 59.5894



13.9550, 15.1571, 13.9157



26.9991, 36.2160, 5.5674



1.8034, 2.3742, 0.3632

Inverse Universe

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



54.2720, 54.4988, 73.9921



74.4480, 74.0147, 104.9702



57.7729, 56.3035, 74.1560



12.5244, 12.7130, 16.4459



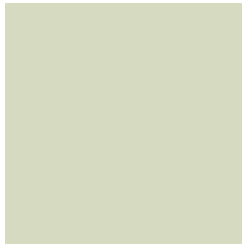
8.0257, 3.2616, 39.9449



0.5796, 0.2421, 2.5906

Previews

White Background



This preview shows how the XYZ color 62.3174, 68.2447, 59.7572 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 62.3174, 68.2447, 59.7572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

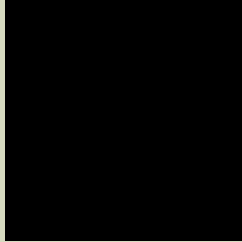
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

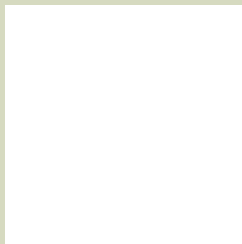
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3174, 68.2447, 59.7572

Background



This preview shows how black text looks on a background with the XYZ color 62.3174, 68.2447, 59.7572.



This preview shows how white text looks on a background with the XYZ color 62.3174, 68.2447,

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

62.3174, 68.2447, 59.7572

Protanopia

64.6460, 68.3261, 58.4962

Deuteranopia

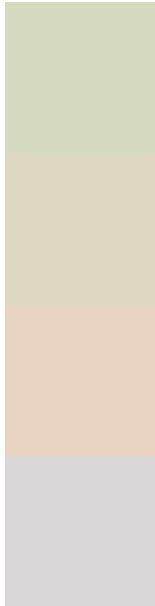
69.6017, 68.2399, 60.5421



Tritanopia

67.1505, 68.3057, 83.7738

Trichromacy



Original Color

62.3174, 68.2447, 59.7572

Protanomaly

63.7786, 68.2455, 59.1014

Deuteranomaly

66.7734, 68.2609, 60.1084

Tritanomaly

65.3104, 68.3105, 74.7088

Monochromacy



Original Color

62.3174, 68.2447, 59.7572

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.1726, 67.3533, 68.0634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3174, 68.2447, 59.7572 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(214, 218, 192) looks like.

```
.text, #text, p{  
    color:rgb(214, 218, 192)  
}
```

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(214, 218, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 218, 192) }
```

Border

The CSS property to change the border of an element to XYZ 62.3174, 68.2447, 59.7572 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(214, 218, 192) }
```


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

```
.border{ border-color:rgb(214, 218, 192) }
```

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

Here you see how a box with a 4 pixel rgb(214, 218, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 218, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 218, 192);  
box-shadow:4px 4px 4px 4px rgb(214, 218,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3174, 68.2447, 59.7572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 218, 192) }
```

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

```
.background{ background-color: rgb(214,  
218, 192) }
```

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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