

Converting Colors

XYZ(62.2191, 67.2186, 62.5959)

Have a look what the booklet for
XYZ(62.2191, 67.2186, 62.5959)
contains.

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Color

**XYZ(62.3655, 67.4391,
62.5534)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D8C5
RGB	214, 216, 197
RGB Percent	84%, 85%, 77%
CMY	0.1608, 0.1529, 0.2274
CMYK	0.01, 0.00, 0.09, 0.15
HSL	66°, 20%, 81%
HSV	66°, 9%, 85%
XYZ	62.3655, 67.4391, 62.5534
YIQ	213.2360, 4.9070, -6.3330

Conversions

Conversions Part 2

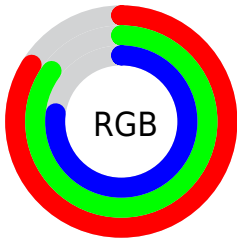
Format	Color
RYB	197, 216, 199
Decimal	14080197
CIELab	85.73, -3.99, 9.13
CIELCh	86, 9.960, 113.608
Yxy	67.4391, 0.3242, 0.3506
Android (android.graphics.Color)	4292270277 (0xFFD6D8C5)
YUV	213.2360, -8.0043, 0.6700
Hunter-Lab	82.1213, -8.1538, 12.3226

Details

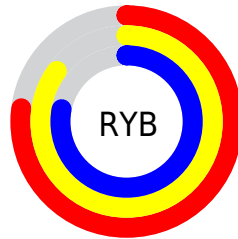
The XYZ color **62.3655, 67.4391, 62.5534** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9167, 57.0343, 73.0309**, and the grayscale version is **63.4550, 66.7596, 72.7012**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **32.0009, 34.8438, 31.0255** is the 20% darker color. If you saturate the color by 10%, you get **59.4062, 66.1813, 50.4076**, and if you desaturate by 10%, it is **65.6925, 68.8495, 76.5705**.

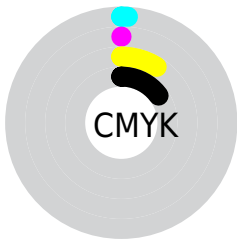
Distribution



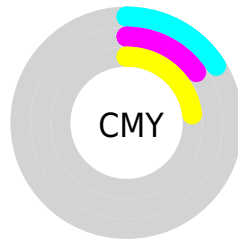
- Red (84%)
- Green (85%)
- Blue (77%)



- Red (77%)
- Yellow (85%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3655, 67.4391, 62.5534 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 62.3655, 67.4391, 62.5534 by changing the saturation by 10% instead.

■ 62.3655, 67.4391,
62.5534

■ 62.3655, 67.4391,
62.5534

422.9594,
451.5062, 452.0101

■ 45.5848, 49.4416,
45.0413

107.3406,
115.5494, 110.1043

■ 32.1215, 34.9699,
31.1468

136.2657,
146.4309, 140.9802

■ 21.6104, 23.6397,
20.4513

169.9696,
182.3758, 177.1478

■ 13.6859, 15.0665,
12.5362

208.8177,
223.7686, 219.0256

■ 7.9827, 8.8661,
6.9830

253.1754,
270.9937, 267.0322

■ 4.1356, 4.6539,
3.3732

303.4080,

■ 1.7791, 2.0457,

324.4354, 321.5862

1.2882

359.8809,
384.4780, 383.1059

■ 0.5051, 0.6338,
0.0521

■ 0.0000, 0.0000,
0.0000

■ 62.3655, 67.4391,
62.5534

■ 62.3655, 67.4391,
62.5534

■ 59.4062, 66.1813,
50.4076

■ 65.6925, 68.8495,
76.5705

■ 56.7940, 65.0612,
40.0496

■ 69.3959, 70.4092,
92.5289

■ 54.5147, 64.0753,
31.3962

■ 72.3758, 71.6807,
104.6289

■ 52.5507, 63.2167,
24.3559

■ 73.0735, 72.0404,
104.6615

■ 50.8832, 62.4777,
18.8286

■ 73.7806, 72.4049,
104.6946

■ 49.4909, 61.8498,
14.7029

■ 74.4972, 72.7743,
104.7282

■ 48.3497, 61.3234,
11.8522

■ 75.2233, 73.1487,
104.7621

■ 47.4312, 60.8871,
10.1275

■ 75.9590, 73.5279,
104.7966

■ 46.6913, 60.5233,
9.2959

■ 76.7043, 73.9121,
104.8315

Harmonies

Analogous

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



64.5864, 67.4391, 61.6865



62.3655, 67.4391, 62.5534



60.6467, 67.4391, 66.2550

Triad

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



62.3655, 67.4391, 62.5534



61.5421, 67.4391, 83.9667



68.5383, 67.4391, 74.8313

Complementary

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



62.3655, 67.4391, 62.5534



55.9167, 57.0343, 73.0309

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.



67.6795, 67.4391, 81.1045



62.3655, 67.4391, 62.5534



63.6138, 67.4391, 86.5760

Square

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



62.3655, 67.4391, 62.5534



60.1792, 67.4391, 78.5541



65.8640, 67.4391, 85.4989



68.1851, 67.4391, 68.5332

Rectangle

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



62.3655, 67.4391, 62.5534



59.9992, 67.4391, 69.9557



65.8640, 67.4391, 85.4989



68.3812, 67.4391, 77.0169

Sweetspot

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



62.3673, 67.4420, 62.5549



93.5464, 99.3643, 102.5279



58.7996, 59.4328, 61.1970



19.9386, 21.2324, 21.5900



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.



62.3673, 67.4420, 62.5549



89.7783, 97.7666, 86.7759



59.7029, 66.0685, 62.4302



13.3378, 14.4504, 13.2469



27.6398, 35.8252, 5.4582



1.7050, 2.1803, 0.3310

Inverse Universe

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



55.9167, 57.0343, 73.0309



78.1091, 78.9386, 105.7276



58.4881, 58.3599, 73.1512



11.8630, 12.0707, 15.6422



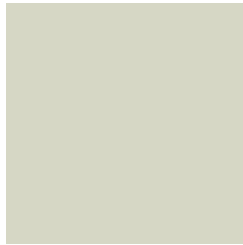
7.5862, 3.0633, 38.6446



0.4997, 0.2065, 2.3328

Previews

White Background



This preview shows how the XYZ color 62.3655, 67.4391, 62.5534 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 62.3655, 67.4391, 62.5534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

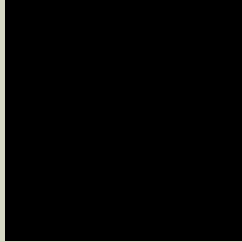
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

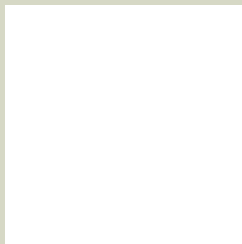
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3655, 67.4391, 62.5534

Background



This preview shows how black text looks on a background with the XYZ color 62.3655, 67.4391, 62.5534.



This preview shows how white text looks on a background with the XYZ color 62.3655, 67.4391,

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

62.3655, 67.4391, 62.5534

Protanopia

63.8823, 67.1036, 61.8099

Deuteranopia

68.8973, 67.4499, 63.4207



Tritanopia

66.5113, 67.2500, 82.8738

Trichromacy



Original Color

62.3655, 67.4391, 62.5534

Protanomaly

63.2238, 67.1387, 61.8514

Deuteranomaly

66.1946, 67.1593, 62.9003

Tritanomaly

64.9339, 67.3500, 75.2231

Monochromacy



Original Color

62.3655, 67.4391, 62.5534

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.7496, 66.7443, 68.6072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3655, 67.4391, 62.5534 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, 216, 197) looks like.

```
.text, #text, p{  
    color:rgb(214, 216, 197)  
}
```

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, 216, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 216, 197) }
```

Border

The CSS property to change the border of an element to XYZ 62.3655, 67.4391, 62.5534 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, 216, 197) }
```


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

```
.border{ border-color:rgb(214, 216, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 216, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 216, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 216, 197);  
box-shadow:4px 4px 4px 4px rgb(214, 216,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3655, 67.4391, 62.5534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 216, 197) }
```

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

```
.background{ background-color: rgb(214,  
216, 197) }
```

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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