

Converting Colors

XYZ(62.4580, 68.5068, 65.3300)

Have a look what the booklet for
XYZ(62.4580, 68.5068, 65.3300)
contains.

XYZ(62.4525, 68.5817, 65.2043)	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(62.4525, 68.5817,
65.2043)**

Conversions

Conversions Part 1

Format	Color
Hex	D2DBC9
RGB	210, 219, 201
RGB Percent	82%, 86%, 79%
CMY	0.1765, 0.1412, 0.2118
CMYK	0.04, 0.00, 0.08, 0.14
HSL	90°, 20%, 82%
HSV	90°, 8%, 86%
XYZ	62.4525, 68.5817, 65.2043
YIQ	214.2570, 0.4140, -7.5060

Conversions

Conversions Part 2

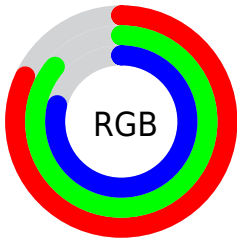
Format	Color
R _Y B	201, 219, 210
Decimal	13818825
CIE Lab	86.30, -6.25, 7.79
CIE LCh	86, 9.990, 128.719
Yxy	68.5817, 0.3182, 0.3495
Android (android.graphics.Color)	4292008905 (0xFFD2DBC9)
YUV	214.2570, -6.5357, -3.7334
Hunter-Lab	82.8141, -10.3126, 11.2874

Details

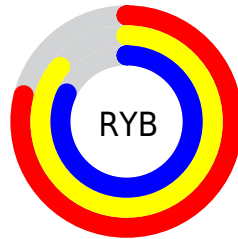
The XYZ color **62.4525, 68.5817, 65.2043** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2537, 60.5912, 75.5409**, and the grayscale version is **64.1336, 67.4736, 73.4787**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2522, 35.7254, 32.7996** is the 20% darker color. If you saturate the color by 10%, you get **57.0459, 66.0732, 52.4482**, and if you desaturate by 10%, it is **68.4437, 71.3531, 79.9080**.

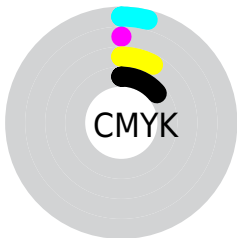
Distribution



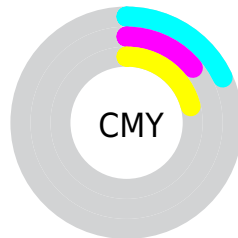
- Red (82%)
- Green (86%)
- Blue (79%)



- Red (79%)
- Yellow (86%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (18%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4525, 68.5817, 65.2043 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 62.4525, 68.5817, 65.2043 by changing the saturation by 10% instead.

■ 62.4525, 68.5817,
65.2043

■ 62.4525, 68.5817,
65.2043

423.2711,
455.5543, 461.8521

■ 45.6554, 50.3711,
47.1744

107.4655,
117.1839, 113.9596

■ 32.1775, 35.7084,
32.8182

136.4121,
148.3444, 145.5221

■ 21.6533, 24.2090,
21.7172

170.1393,
184.5902, 182.4325

■ 13.7175, 15.4888,
13.4529

209.0124,
226.3058, 225.1093

■ 8.0049, 9.1631,
7.6068

253.3968,
273.8757, 273.9711

■ 4.1499, 4.8477,
3.7603

303.6578,

■ 1.7873, 2.1582,

327.6841, 329.4365

1.4948

360.1608,
388.1155, 391.9240

■ 0.5100, 0.6971,
0.2140

■ 0.0000, 0.0000,
0.0000

■ 62.4525, 68.5817,
65.2043

■ 62.4525, 68.5817,
65.2043

■ 57.0459, 66.0732,
52.4482

■ 68.4437, 71.3531,
79.9080

■ 52.1985, 63.8105,
41.5536

■ 75.0326, 74.3864,
96.6317

■ 47.8913, 61.7874,
32.4346

■ 80.2965, 76.9154,
105.2218

■ 44.1019, 59.9946,
24.9967

■ 84.1871, 78.9211,
105.4039

■ 40.8061, 58.4218,
19.1366

■ 84.6229, 79.1457,
105.4243

■ 37.9772, 57.0579,
14.7398

■ 35.5856, 55.8903,
11.6761

■ 33.5970, 54.9048,
9.7924

■ 31.9637, 54.0815,
8.8660

Harmonies

Analogous

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



64.5155, 68.5817, 62.8202



62.4525, 68.5817, 65.2043



61.1428, 68.5817, 70.1623

Triad

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



62.4525, 68.5817, 65.2043



63.5899, 68.5817, 87.1330



69.6632, 68.5817, 72.7668

Complementary

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



62.4525, 68.5817, 65.2043



60.2537, 60.5912, 75.5409

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.



69.4013, 68.5817, 79.3747



62.4525, 68.5817, 65.2043



65.8588, 68.5817, 87.9320

Square

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



62.4525, 68.5817, 65.2043



61.7886, 68.5817, 82.8956



67.9958, 68.5817, 85.0184



68.7033, 68.5817, 67.0145

Rectangle

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



62.4525, 68.5817, 65.2043



60.8548, 68.5817, 74.3904



67.9958, 68.5817, 85.0184



69.7156, 68.5817, 74.9579

Sweetspot

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



62.4544, 68.5847, 65.2058



93.3075, 99.1953, 104.5891



62.8052, 65.3728, 64.5674



19.9900, 21.2403, 22.4315



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.



62.4544, 68.5847, 65.2058



86.6757, 96.1261, 88.4812



59.9635, 67.3006, 65.0892



13.5036, 14.9243, 13.8945



18.9211, 32.0517, 5.1893



1.3252, 2.1277, 0.3408

Inverse Universe

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



60.2537, 60.5912, 75.5409



82.9126, 82.4577, 106.1537



62.8888, 61.9496, 75.6642



12.9560, 12.9355, 16.4661



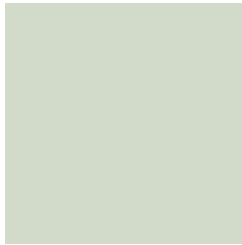
11.4859, 5.0454, 40.1069



0.8435, 0.3781, 2.6030

Previews

White Background



This preview shows how the XYZ color 62.4525, 68.5817, 65.2043 looks on a white background.

Color Contrast Check

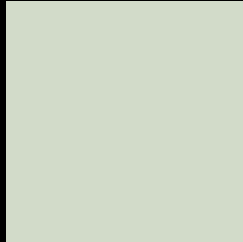
Large Text (above 18pt) WCAG AA × Fail

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 62.4525, 68.5817, 65.2043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

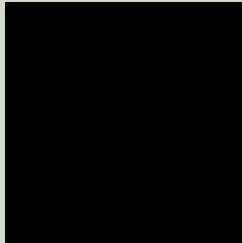
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

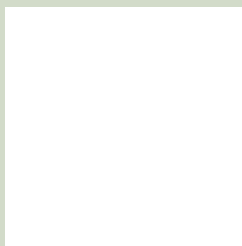
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4525, 68.5817, 65.2043

Background



This preview shows how black text looks on a background with the XYZ color 62.4525, 68.5817, 65.2043.



This preview shows how white text looks on a background with the XYZ color 62.4525, 68.5817,

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

62.4525, 68.5817, 65.2043

Protanopia

65.3497, 68.5717, 63.8242

Deuteranopia

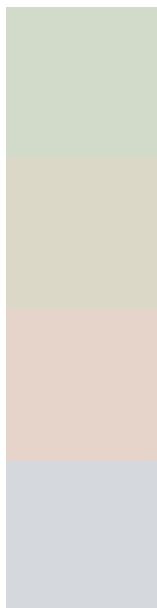
69.6110, 68.1243, 65.9803



Tritanopia

66.7486, 68.8175, 85.3664

Trichromacy



Original Color

62.4525, 68.5817, 65.2043

Protanomaly

64.1946, 68.3419, 64.4515

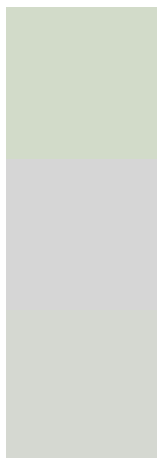
Deuteranomaly

66.8373, 68.1742, 65.5134

Tritanomaly

64.9147, 68.4252, 77.4962

Monochromacy



Original Color

62.4525, 68.5817, 65.2043

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.5051, 67.8613, 70.0731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4525, 68.5817, 65.2043 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(210, 219, 201) looks like.

```
.text, #text, p{  
    color:rgb(210, 219, 201)  
}
```

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(210, 219, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 219, 201) }
```

Border

The CSS property to change the border of an element to XYZ 62.4525, 68.5817, 65.2043 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(210, 219, 201) }
```


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

```
.border{ border-color:rgb(210, 219, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 219, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 219, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 219, 201);  
box-shadow:4px 4px 4px 4px rgb(210, 219,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4525, 68.5817, 65.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 219, 201) }
```

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

```
.background{ background-color: rgb(210,  
219, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor