

Converting Colors

XYZ(65.2907, 72.2355, 69.9100)

Have a look what the booklet for
XYZ(65.2907, 72.2355, 69.9100)
contains.

XYZ(65.4618, 72.4015, 70.1992)	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(65.4618, 72.4015,
70.1992)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E1D0
RGB	212, 225, 208
RGB Percent	83%, 88%, 82%
CMY	0.1686, 0.1176, 0.1843
CMYK	0.06, 0.00, 0.08, 0.12
HSL	106°, 22%, 85%
HSV	106°, 8%, 88%
XYZ	65.4618, 72.4015, 70.1992
YIQ	219.1750, -2.2910, -8.0430

Conversions

Conversions Part 2

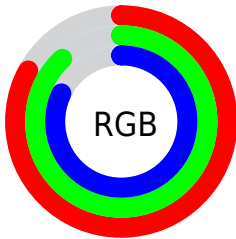
Format	Color
R_{YB}	208, 225, 221
Decimal	13951440
CIE Lab	88.16, -7.42, 6.81
CIE LCh	88, 10.069, 137.431
Yxy	72.4015, 0.3146, 0.3480
Android (android.graphics.Color)	4292141520 (0xFFD4E1D0)
YUV	219.1750, -5.5093, -6.2925
Hunter-Lab	85.0891, -11.5800, 10.6476

Details

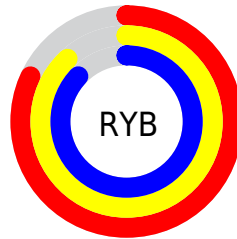
The XYZ color **65.4618, 72.4015, 70.1992** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9680, 65.9221, 80.4851**, and the grayscale version is **67.4933, 71.0082, 77.3279**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1121, 38.2506, 36.1571** is the 20% darker color. If you saturate the color by 10%, you get **58.1891, 68.9519, 56.4190**, and if you desaturate by 10%, it is **73.6600, 76.2870, 86.0758**.

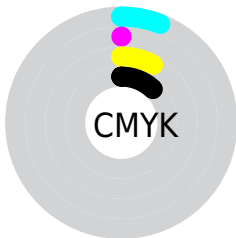
Distribution



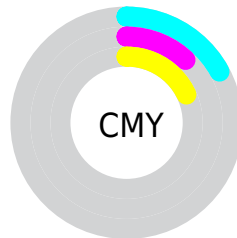
- Red (83%)
- Green (88%)
- Blue (82%)



- Red (82%)
- Yellow (88%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (17%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4618, 72.4015, 70.1992 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 65.4618, 72.4015, 70.1992 by changing the saturation by 10% instead.

65.4618, 72.4015,
70.1992

65.4618, 72.4015,
70.1992

433.9687,
468.9379, 480.0571

48.1017, 53.4867,
51.2111

111.7755,
122.6272, 121.1766

34.1190, 38.1915,
35.9988

141.4599,
154.7069, 154.0029

23.1484, 26.1313,
24.1436

175.9831,
191.9437, 192.2792

14.8244, 16.9219,
15.2270

215.7105,
234.7220, 236.4238

8.7818, 10.1788,
8.8304

261.0073,
283.4261, 286.8554

4.6551, 5.5177,
4.5355

312.2391,

2.0790, 2.5541,

338.4406, 343.9924

1.9235

369.7711,
400.1497, 408.2535

■ 0.6778, 0.9036,
0.5076

■ 0.0000, 0.0000,
0.0000

■ 65.4618, 72.4015,
70.1992

■ 65.4618, 72.4015,
70.1992

■ 58.1891, 68.9519,
56.4190

■ 73.6600, 76.2870,
86.0758

■ 51.8029, 65.9137,
44.6430

■ 82.8089, 80.6134,
104.1262

■ 46.2703, 63.2741,
34.7792

■ 86.2166, 82.3332,
105.9555

■ 41.5540, 61.0162,
26.7266

■ 37.6138, 59.1214,
20.3749

■ 34.4059, 57.5700,
15.6018

■ 31.8819, 56.3400,
12.2686

■ 29.9866, 55.4065,
10.2125

■ 28.6517, 54.7390,
9.2134

Harmonies

Analogous

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



67.4379, 72.4015, 66.8471



65.4618, 72.4015, 70.1992



64.3948, 72.4015, 75.9826

Triad

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



65.4618, 72.4015, 70.1992



67.8129, 72.4015, 92.4956



73.3278, 72.4015, 74.9273

Complementary

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



65.4618, 72.4015, 70.1992



65.9680, 65.9221, 80.4851

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.



73.4339, 72.4015, 81.7537



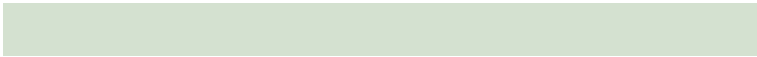
65.4618, 72.4015, 70.1992



70.2117, 72.4015, 92.1721

Square

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



65.4618, 72.4015, 70.1992



65.7308, 72.4015, 89.0067



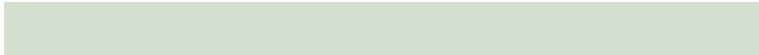
72.2817, 72.4015, 88.1470



71.9951, 72.4015, 69.4656

Rectangle

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



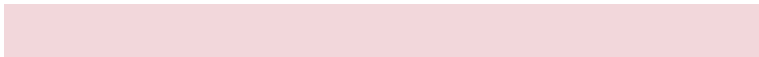
65.4618, 72.4015, 70.1992



64.3259, 72.4015, 80.5603



72.2817, 72.4015, 88.1470



73.5092, 72.4015, 77.1305

Sweetspot

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



65.4638, 72.4046, 70.2008



92.8192, 98.9436, 104.5662



68.2299, 72.1457, 70.0050



19.8905, 21.1891, 22.4269



0.0000, 0.0000, 0.0000



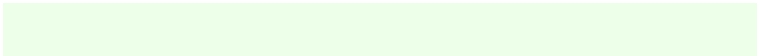
20.3446, 21.4041, 23.3091

Same Dimension

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



65.4638, 72.4046, 70.2008



85.4077, 95.4309, 90.2997



64.8550, 72.0295, 72.9394



13.8291, 15.4921, 14.5682



16.4456, 31.5106, 5.2154



1.2188, 2.2248, 0.3652

Inverse Universe

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



65.9680, 65.9221, 80.4851



86.2023, 85.2118, 106.5119



66.6276, 66.3283, 77.5261



13.9634, 13.7647, 17.3086



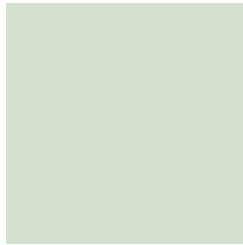
17.7524, 8.2470, 41.7045



1.3077, 0.6114, 2.8943

Previews

White Background



This preview shows how the XYZ color 65.4618, 72.4015, 70.1992 looks on a white background.

Color Contrast Check

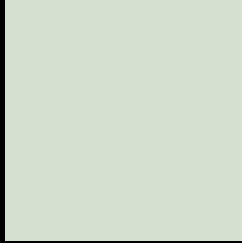
Large Text (above 18pt) WCAG AA × Fail

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 65.4618, 72.4015, 70.1992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

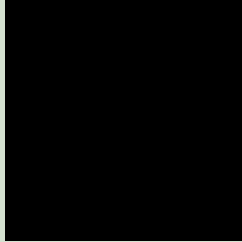
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

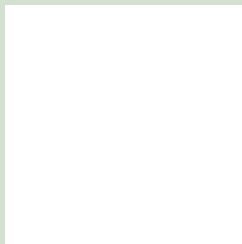
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4618, 72.4015, 70.1992

Background



This preview shows how black text looks on a background with the XYZ color 65.4618, 72.4015, 70.1992.

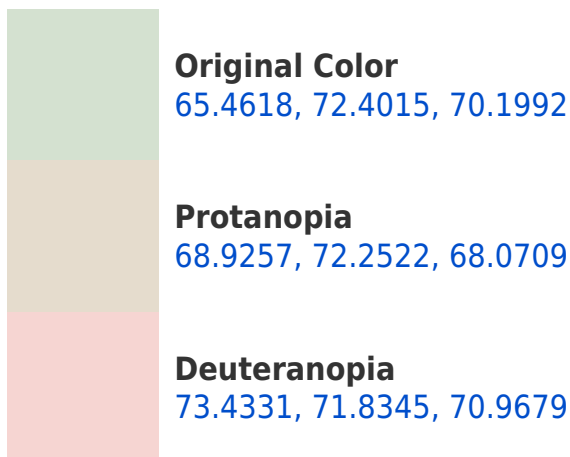


This preview shows how white text looks on a background with the XYZ color 65.4618, 72.4015,

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

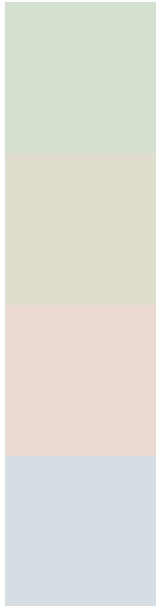




Tritanopia

69.9043, 72.6377, 91.2250

Trichromacy



Original Color

65.4618, 72.4015, 70.1992

Protanomaly

67.6933, 72.3868, 68.7967

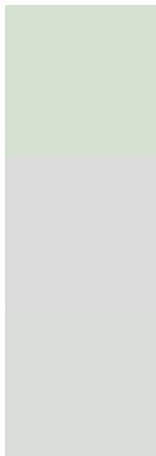
Deuteranomaly

70.2532, 71.7216, 70.4625

Tritanomaly

68.0107, 72.2357, 83.0314

Monochromacy



Original Color

65.4618, 72.4015, 70.1992

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.4411, 71.2181, 74.5346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4618, 72.4015, 70.1992 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(212, 225, 208) looks like.

```
.text, #text, p{  
    color:rgb(212, 225, 208)  
}
```

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(212, 225, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 225, 208) }
```

Border

The CSS property to change the border of an element to XYZ 65.4618, 72.4015, 70.1992 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(212, 225, 208) }
```


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

```
.border{ border-color:rgb(212, 225, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 225, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 225, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 225, 208);  
box-shadow:4px 4px 4px 4px rgb(212, 225,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4618, 72.4015, 70.1992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 225, 208) }
```

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

```
.background{ background-color: rgb(212,  
225, 208) }
```

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