

Converting Colors

XYZ(65.9766, 74.9944, 61.3156)

Have a look what the booklet for
XYZ(65.9766, 74.9944, 61.3156)
contains.

XYZ(65.9468, 74.8910, 61.4317)	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(65.9468, 74.8910,
61.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E6C1
RGB	215, 230, 193
RGB Percent	84%, 90%, 76%
CMY	0.1569, 0.0980, 0.2431
CMYK	0.07, 0.00, 0.16, 0.10
HSL	84°, 43%, 83%
HSV	84°, 16%, 90%
XYZ	65.9468, 74.8910, 61.4317
YIQ	221.2970, 2.9370, -14.6870

Conversions

Conversions Part 2

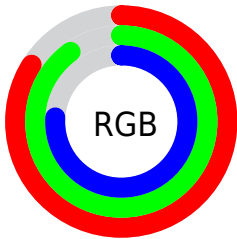
Format	Color
RYB	193, 230, 208
Decimal	14149313
CIELab	89.34, -11.42, 16.36
CIELCh	89, 19.950, 124.903
Yxy	74.8910, 0.3260, 0.3703
Android (android.graphics.Color)	4292339393 (0xFFD7E6C1)
YUV	221.2970, -13.9504, -5.5225
Hunter-Lab	86.5396, -15.4198, 18.4896

Details

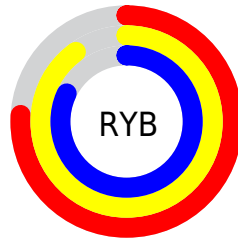
The XYZ color **65.9468, 74.8910, 61.4317** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.3683, 57.2651, 82.7912**, and the grayscale version is **69.0312, 72.6262, 79.0899**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **34.2935, 39.6098, 30.2641** is the 20% darker color. If you saturate the color by 10%, you get **60.9175, 72.5743, 48.8284**, and if you desaturate by 10%, it is **71.5354, 77.4544, 76.1472**.

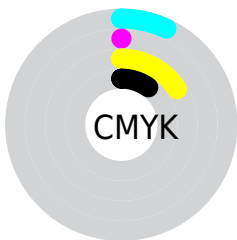
Distribution



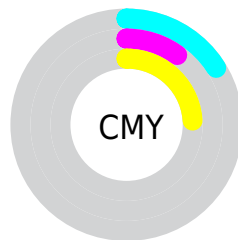
- Red (84%)
- Green (90%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9468, 74.8910, 61.4317 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 65.9468, 74.8910, 61.4317 by changing the saturation by 10% instead.

65.9468, 74.8910,
61.4317

65.9468, 74.8910,
61.4317

435.6782,
477.5428, 447.8054

48.4968, 55.5236,
44.1408

112.4681,
126.1581, 108.4674

34.4333, 39.8211,
30.4432

142.2701,
158.8265, 139.0493

23.3912, 27.3991,
19.9204

176.9202,
196.6974, 174.8986

15.0049, 17.8732,
12.1537

216.7836,
240.1552, 216.4338

8.9092, 10.8590,
6.7246

262.2257,
289.5842, 264.0736

4.7386, 5.9721,
3.2147

313.6120,

2.1279, 2.8281,

345.3689, 318.2364

1.2053

371.3077,
407.8937, 379.3409

■ 0.7043, 1.0427,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.9468, 74.8910,
61.4317

■ 65.9468, 74.8910,
61.4317

■ 60.9175, 72.5743,
48.8284

■ 71.5354, 77.4544,
76.1472

■ 56.4204, 70.4858,
38.2355

■ 77.6969, 80.2628,
93.0608

■ 52.4352, 68.6195,
29.5501

■ 83.3037, 82.8679,
106.2123

■ 48.9375, 66.9652,
22.6581

■ 86.6045, 84.5695,
106.3667

■ 45.9005, 65.5121,
17.4334

■ 87.5884, 85.0767,
106.4128

■ 43.2943, 64.2478,
13.7335

■ 41.0844, 63.1581,
11.3917

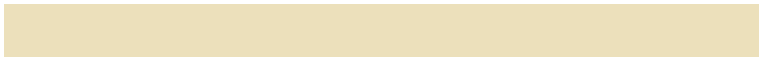
■ 39.2286, 62.2257,
10.2016

■ 38.5724, 61.8932,
9.9136

Harmonies

Analogous

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



70.3827, 74.8910, 57.5939



65.9468, 74.8910, 61.4317



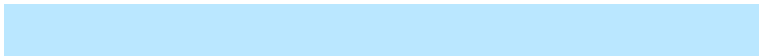
63.0184, 74.8910, 70.6690

Triad

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



65.9468, 74.8910, 61.4317



67.2758, 74.8910, 108.3788



80.9451, 74.8910, 79.2682

Complementary

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



65.9468, 74.8910, 61.4317



59.3683, 57.2651, 82.7912

Split Complementary

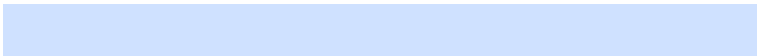
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.0211, 74.8910, 93.4801



65.9468, 74.8910, 61.4317



71.9867, 74.8910, 111.3533

Square

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



65.9468, 74.8910, 61.4317



63.7607, 74.8910, 97.9057



76.6864, 74.8910, 105.6259



79.1571, 74.8910, 67.1142

Rectangle

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



65.9468, 74.8910, 61.4317



62.2391, 74.8910, 79.1797



76.6864, 74.8910, 105.6259



80.9421, 74.8910, 83.9540

Sweetspot

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



65.9488, 74.8943, 61.4333



91.1880, 98.2384, 98.3572



64.7687, 65.6901, 59.7189



19.4050, 20.9754, 20.7475



0.0000, 0.0000, 0.0000



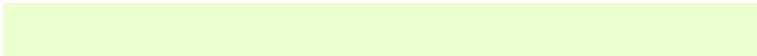
20.3446, 21.4041, 23.3091

Same Dimension

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



65.9488, 74.8943, 61.4333



81.3455, 93.7255, 72.5469



60.8722, 72.2772, 61.1957



15.0068, 16.5106, 15.3004



21.9782, 35.1117, 5.6189



1.7286, 2.6485, 0.4201

Inverse Universe

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



59.3683, 57.2651, 82.7912



71.6795, 67.8284, 103.9220



64.8139, 60.0724, 83.0460



14.1334, 14.1710, 18.1347



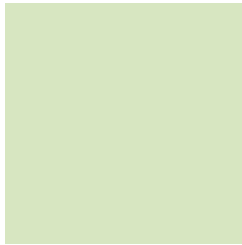
10.7871, 4.6268, 42.7077



0.9001, 0.3950, 3.1608

Previews

White Background



This preview shows how the XYZ color 65.9468, 74.8910, 61.4317 looks on a white background.

Color Contrast Check

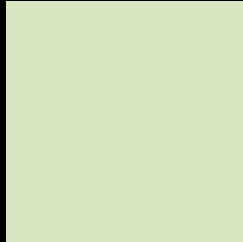
Large Text (above 18pt) WCAG AA × Fail

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 65.9468, 74.8910, 61.4317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

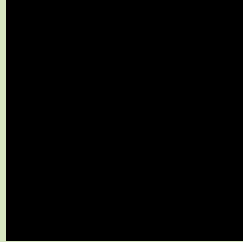
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9468, 74.8910, 61.4317

Background



This preview shows how black text looks on a background with the XYZ color 65.9468, 74.8910, 61.4317.

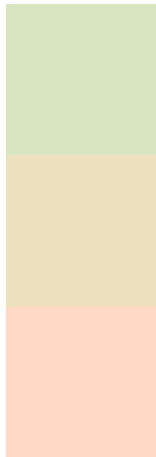


This preview shows how white text looks on a background with the XYZ color 65.9468, 74.8910,

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

65.9468, 74.8910, 61.4317

Protanopia

70.5420, 74.8619, 59.4470

Deuteranopia

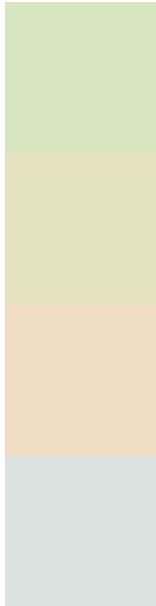
75.8739, 74.4030, 63.1855



Tritanopia

72.3891, 74.6558, 93.8138

Trichromacy



Original Color

65.9468, 74.8910, 61.4317

Protanomaly

68.5952, 74.6483, 60.0834

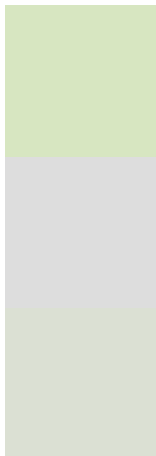
Deuteranomaly

71.7554, 74.2237, 62.7692

Tritanomaly

69.8643, 74.8346, 81.2833

Monochromacy



Original Color

65.9468, 74.8910, 61.4317

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.6269, 73.0745, 72.1685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9468, 74.8910, 61.4317 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(215, 230, 193)` looks like.

```
.text, #text, p{  
    color:rgb(215, 230, 193)  
}
```

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(215, 230, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 230, 193) }
```

Border

The CSS property to change the border of an element to XYZ 65.9468, 74.8910, 61.4317 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(215, 230, 193) }
```


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

```
.border{ border-color:rgb(215, 230, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 230, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 230, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 230, 193); box-shadow:4px 4px 4px 4px rgb(215, 230, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9468, 74.8910, 61.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 230, 193) }
```

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

```
.background{ background-color: rgb(215,  
230, 193) }
```

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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