

Converting Colors

XYZ(69.2267, 74.8757, 84.2047)

Have a look what the booklet for
XYZ(69.2267, 74.8757, 84.2047)
contains.

XYZ(69.2042, 74.8357, 84.1961)	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(69.2042, 74.8357,
84.1961)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E3E4
RGB	214, 227, 228
RGB Percent	84%, 89%, 89%
CMY	0.1608, 0.1098, 0.1059
CMYK	0.06, 0.00, 0.00, 0.11
HSL	184°, 21%, 87%
HSV	184°, 6%, 89%
XYZ	69.2042, 74.8357, 84.1961
YIQ	223.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

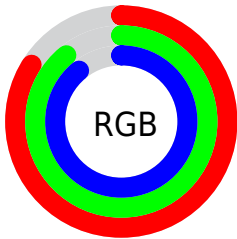
Format	Color
R_{YB}	214, 221, 228
Decimal	14083044
CIE Lab	89.32, -4.13, -1.99
CIE LCh	89, 4.588, 205.748
Yxy	74.8357, 0.3032, 0.3279
Android (android.graphics.Color)	4292273124 (0xFFD6E3E4)
YUV	223.2270, 2.3531, -8.0921
Hunter-Lab	86.5076, -8.5923, 2.8496

Details

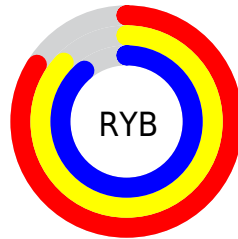
The XYZ color **69.2042, 74.8357, 84.1961** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4332, 69.9494, 73.5142**, and the grayscale version is **70.2902, 73.9508, 80.5324**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5934, 39.8931, 45.3066** is the 20% darker color. If you saturate the color by 10%, you get **62.5690, 70.7613, 83.7605**, and if you desaturate by 10%, it is **76.7792, 79.4050, 84.6800**.

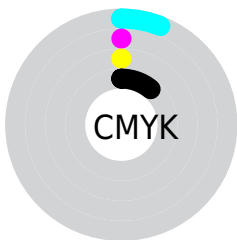
Distribution



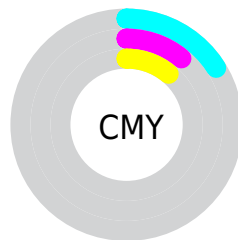
- Red (84%)
- Green (89%)
- Blue (89%)



- Red (84%)
- Yellow (87%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2042, 74.8357, 84.1961 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 69.2042, 74.8357, 84.1961 by changing the saturation by 10% instead.

■ 69.2042, 74.8357,
84.1961

■ 69.2042, 74.8357,
84.1961

447.0610,
477.3527, 529.0393

■ 51.1553, 55.4783,
62.6310

117.1057,
126.0798, 141.1136

■ 36.5537, 39.7848,
45.1037

147.6889,
158.7352, 177.3032

■ 25.0342, 27.3708,
31.1956

183.1810,
196.5921, 219.2046

■ 16.2314, 17.8519,
20.4881

223.9472,
240.0349, 267.2365

■ 9.7800, 10.8437,
12.5628

270.3530,
289.4480, 321.8174

■ 5.3145, 5.9618,
7.0010

322.7636,

■ 2.4696, 2.8219,

345.2157, 383.3657

3.3843

381.5445,
407.7225, 452.3002

■ 0.8799, 1.0395,
1.2940

■ 0.0000, 0.0000,
0.0569

■ 69.2042, 74.8357,
84.1961

■ 69.2042, 74.8357,
84.1961

■ 62.5690, 70.7613,
83.7605

■ 76.7792, 79.4050,
84.6800

■ 56.8288, 67.1524,
83.3665


■ 83.6105, 83.5950,
85.1287


■ 51.9446, 63.9909,
83.0137


■ 84.0650, 84.5038,
85.2801


■ 47.8719, 61.2540,
82.7001


■ 84.5236, 85.4211,
85.4330


 44.5623, 58.9167,
82.4233


 84.9865, 86.3469,
85.5873


 41.9624, 56.9513,
82.1810

 85.4536, 87.2811,
85.7430


 40.0116, 55.3266,
81.9702

 85.9250, 88.2239,
85.9001

 38.6391, 54.0062,
81.7877

 86.4006, 89.1751,
86.0587

 37.7572, 52.9447,
81.6293

 86.8805, 90.1349,
86.2187

Harmonies

Analogous

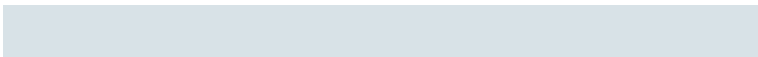
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.0000, 74.8357, 81.0263



69.2042, 74.8357, 84.1961



69.9222, 74.8357, 86.6960

Triad

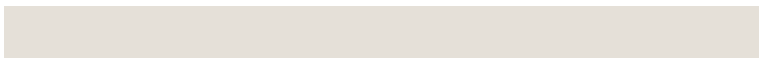
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2042, 74.8357, 84.1961



72.9267, 74.8357, 85.0093



71.2891, 74.8357, 75.4778

Complementary

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



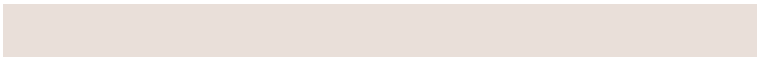
69.2042, 74.8357, 84.1961



68.4332, 69.9494, 73.5142

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.



72.3498, 74.8357, 76.4839



69.2042, 74.8357, 84.1961



73.3016, 74.8357, 81.9421

Square

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



69.2042, 74.8357, 84.1961



72.0701, 74.8357, 87.1741



73.0893, 74.8357, 78.8295



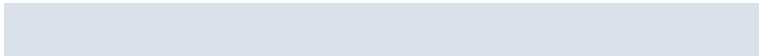
70.1963, 74.8357, 76.0458

Rectangle

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



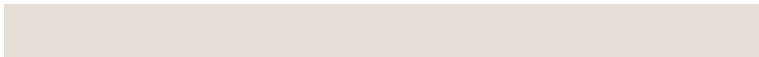
69.2042, 74.8357, 84.1961



70.5995, 74.8357, 87.6175



73.0893, 74.8357, 78.8295



71.6613, 74.8357, 75.6424

Sweetspot

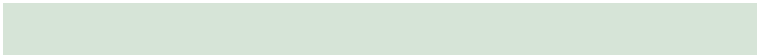
The Sweet Spot groups the original color and five complimentary colors.



69.2063, 74.8389, 84.1977



93.0828, 98.8141, 108.7748



67.7333, 74.6871, 75.0923



19.9442, 21.1627, 23.2836



0.0000, 0.0000, 0.0000



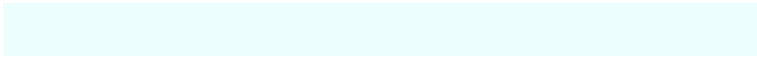
20.3446, 21.4041, 23.3091

Same Dimension

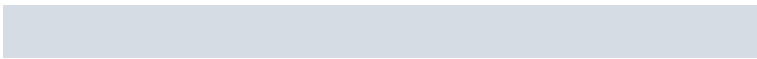
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2063, 74.8389, 84.1977



88.3812, 95.9623, 108.4721



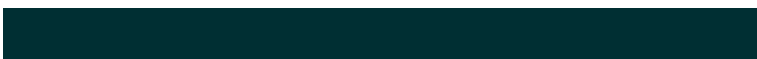
67.3470, 71.1202, 83.5780



15.0012, 16.3264, 18.5050



21.6850, 30.4321, 47.1142



1.6289, 2.3017, 3.4904

Inverse Universe

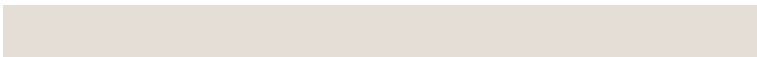
The Inverse Universe completely reimagines the original color for something new.



69.9082, 70.1346, 82.5295



89.4137, 89.0537, 106.0154



70.2372, 73.5574, 74.1156



15.1900, 15.0647, 18.0556



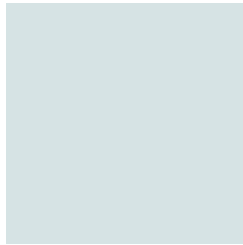
25.3391, 12.2699, 37.0102



1.8858, 0.9120, 2.8052

Previews

White Background



This preview shows how the XYZ color 69.2042, 74.8357, 84.1961 looks on a white background.

Color Contrast Check

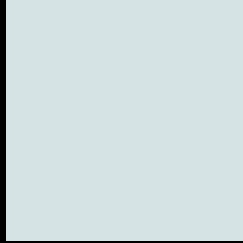
Large Text (above 18pt) WCAG AA × Fail

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 69.2042, 74.8357, 84.1961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

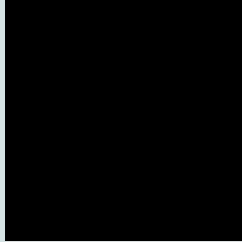
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

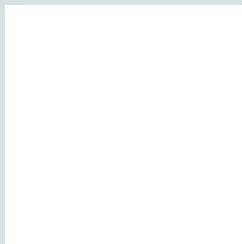
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2042, 74.8357, 84.1961

Background



This preview shows how black text looks on a background with the XYZ color 69.2042, 74.8357, 84.1961.

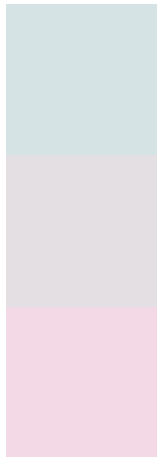


This preview shows how white text looks on a background with the XYZ color 69.2042, 74.8357,

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

69.2042, 74.8357, 84.1961

Protanopia

72.1101, 74.7603, 82.5811

Deuteranopia

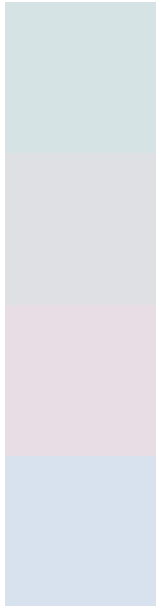
76.0579, 74.3936, 85.2136



Tritanopia

71.4218, 74.9204, 95.4908

Trichromacy



Original Color

69.2042, 74.8357, 84.1961

Protanomaly

70.9522, 74.5453, 83.3222

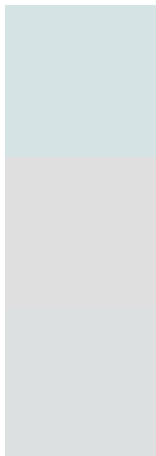
Deuteranomaly

73.2780, 74.5259, 84.6515

Tritanomaly

70.6533, 75.0128, 91.6440

Monochromacy



Original Color

69.2042, 74.8357, 84.1961

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.7615, 73.9632, 81.8337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2042, 74.8357, 84.1961 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, 227, 228) looks like.

```
.text, #text, p{  
    color:rgb(214, 227, 228)  
}
```

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, 227, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 227, 228) }
```

Border

The CSS property to change the border of an element to XYZ 69.2042, 74.8357, 84.1961 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, 227, 228) }
```


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

```
.border{ border-color:rgb(214, 227, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 227, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 227, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 227, 228);  
box-shadow:4px 4px 4px 4px rgb(214, 227,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2042, 74.8357, 84.1961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 227, 228) }
```

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

```
.background{ background-color: rgb(214,  
227, 228) }
```

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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