

Converting Colors

XYZ(69.3118, 74.5730, 88.6719)

Have a look what the booklet for
XYZ(69.3118, 74.5730, 88.6719)
contains.

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Color

**XYZ(69.1990, 74.3303,
88.5419)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E2EA
RGB	212, 226, 234
RGB Percent	83%, 89%, 92%
CMY	0.1686, 0.1137, 0.0823
CMYK	0.09, 0.03, 0.00, 0.08
HSL	202°, 34%, 87%
HSV	202°, 9%, 92%
XYZ	69.1990, 74.3303, 88.5419
YIQ	222.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

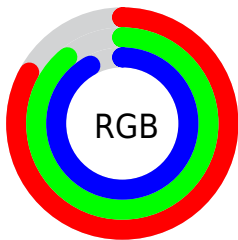
Format	Color
R _Y B	212, 221, 234
Decimal	13951722
CIE Lab	89.08, -3.12, -5.51
CIE LCh	89, 6.330, 240.476
Yxy	74.3303, 0.2982, 0.3203
Android (android.graphics.Color)	4292141802 (0xFFD4E2EA)
YUV	222.7260, 5.5581, -9.4067
Hunter-Lab	86.2150, -7.6063, -0.5397

Details

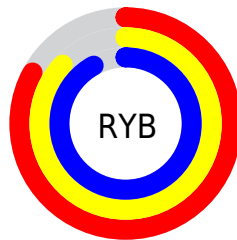
The XYZ color **69.1990, 74.3303, 88.5419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4088, 73.4317, 72.6986**, and the grayscale version is **69.9140, 73.5550, 80.1014**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5034, 39.5083, 47.8214** is the 20% darker color. If you saturate the color by 10%, you get **60.6809, 66.5923, 87.4984**, and if you desaturate by 10%, it is **78.8137, 82.8080, 89.6727**.

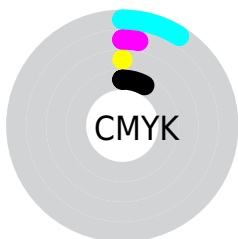
Distribution



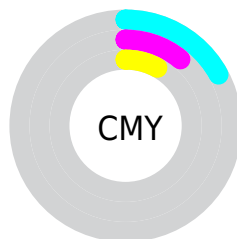
- Red (83%)
- Green (89%)
- Blue (92%)



- Red (83%)
- Yellow (87%)
- Blue (92%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (17%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1990, 74.3303, 88.5419 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 69.1990, 74.3303, 88.5419 by changing the saturation by 10% instead.

■ 69.1990, 74.3303,
88.5419

■ 69.1990, 74.3303,
88.5419

447.0429,
475.6126, 543.7234

■ 51.1510, 55.0644,
66.2051

117.0983,
125.3639, 147.2291

■ 36.5503, 39.4533,
47.9814

147.6803,
157.9004, 184.4166

■ 25.0316, 27.1125,
33.4522

183.1710,
195.6293, 227.3914

■ 16.2295, 17.6578,
22.1992

223.9358,
238.9349, 276.5719

■ 9.7786, 10.7046,
13.8036

270.3401,
288.2017, 332.3769

■ 5.3135, 5.8685,
7.8470

322.7491,

■ 2.4690, 2.7653,

343.8139, 395.2248

3.9108

381.5283,
406.1561, 465.5341

■ 0.8797, 1.0105,
1.5766

■ 0.0000, 0.0000,
0.2740

■ 69.1990, 74.3303,
88.5419

■ 69.1990, 74.3303,
88.5419

■ 60.6809, 66.5923,
87.4984

■ 78.8137, 82.8080,
89.6727

■ 53.2096, 59.5597,
86.5348

■ 88.1469, 91.3113,
90.8221

■ 46.7405, 53.2092,
85.6500

■ 90.7518, 96.5212,
91.6904

■ 41.2233, 47.5123,
84.8411

■ 91.8515, 98.7206,
92.0569

■ 36.6032, 42.4381,
84.1052

■ 32.8190, 37.9523,
83.4388

■ 29.8012, 34.0165,
82.8382

■ 27.4678, 30.5854,
82.2989

■ 25.6888, 27.5892,
81.8144

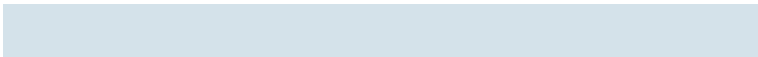
Harmonies

Analogous

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



68.1264, 74.3303, 85.3126



69.1990, 74.3303, 88.5419



70.6734, 74.3303, 89.7163

Triad

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



69.1990, 74.3303, 88.5419



73.6525, 74.3303, 80.8625



69.1569, 74.3303, 73.8394

Complementary

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



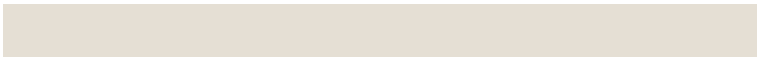
69.1990, 74.3303, 88.5419



71.4088, 73.4317, 72.6986

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.



70.6241, 74.3303, 72.7426



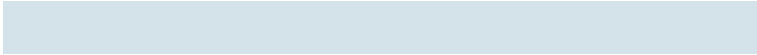
69.1990, 74.3303, 88.5419



73.2326, 74.3303, 76.7061

Square

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



69.1990, 74.3303, 88.5419



73.2578, 74.3303, 85.1861



72.1185, 74.3303, 73.7731



68.1023, 74.3303, 76.8240

Rectangle

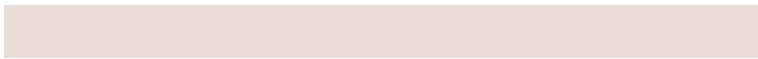
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1990, 74.3303, 88.5419



71.6901, 74.3303, 89.1437



72.1185, 74.3303, 73.7731



69.6175, 74.3303, 73.2427

Sweetspot

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



69.2012, 74.3334, 88.5435



91.4107, 96.8165, 108.4773



69.4539, 77.9953, 78.8972



19.3619, 20.5436, 23.1948



0.0000, 0.0000, 0.0000



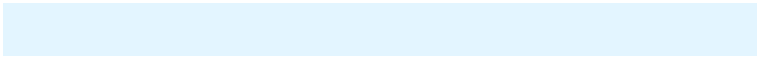
20.3446, 21.4041, 23.3091

Same Dimension

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



69.2012, 74.3334, 88.5435



82.3061, 88.7293, 107.3962



66.3808, 68.6926, 87.6034



15.0306, 16.1477, 19.2469



14.5040, 15.6551, 46.0003



1.2298, 1.4111, 3.6424

Inverse Universe

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



71.2043, 70.0718, 81.7275



85.1470, 82.7515, 97.7147



74.3085, 79.2312, 73.6652



15.4690, 15.2155, 17.7551



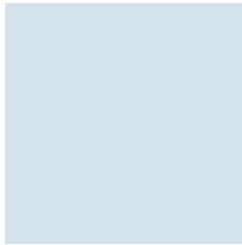
22.1763, 11.0732, 17.2614



1.7873, 0.8879, 1.5970

Previews

White Background



This preview shows how the XYZ color 69.1990, 74.3303, 88.5419 looks on a white background.

Color Contrast Check

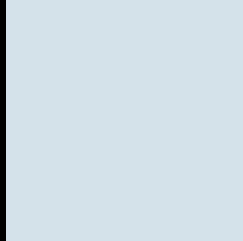
Large Text (above 18pt) WCAG AA × Fail

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 69.1990, 74.3303, 88.5419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

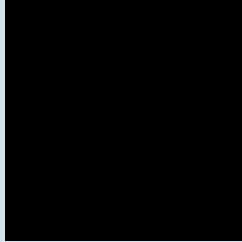
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

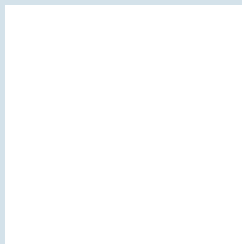
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1990, 74.3303, 88.5419

Background



This preview shows how black text looks on a background with the XYZ color 69.1990, 74.3303, 88.5419.

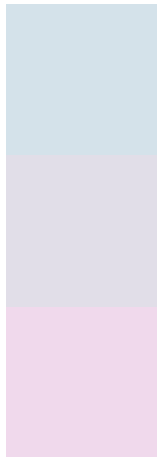


This preview shows how white text looks on a background with the XYZ color 69.1990, 74.3303,

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

69.1990, 74.3303, 88.5419

Protanopia

71.7381, 74.0763, 86.8611

Deuteranopia

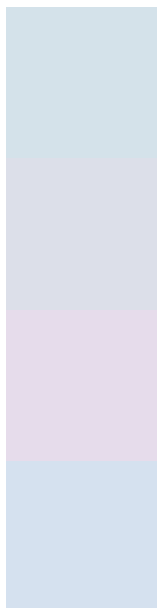
75.8884, 74.2071, 89.6805



Tritanopia

70.3928, 74.4074, 94.6564

Trichromacy



Original Color

69.1990, 74.3303, 88.5419

Protanomaly

70.6109, 73.8742, 87.6283

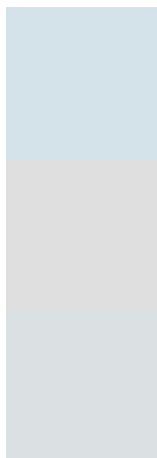
Deuteranomaly

73.2217, 74.0076, 89.0229

Tritanomaly

69.9458, 74.2286, 92.3024

Monochromacy



Original Color

69.1990, 74.3303, 88.5419

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.7342, 73.9174, 83.2651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1990, 74.3303, 88.5419 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, 226, 234) looks like.

```
.text, #text, p{  
    color:rgb(212, 226, 234)  
}
```

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, 226, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 226, 234) }
```

Border

The CSS property to change the border of an element to XYZ 69.1990, 74.3303, 88.5419 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, 226, 234) }
```


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

```
.border{ border-color:rgb(212, 226, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 226, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 226, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 226, 234);  
box-shadow:4px 4px 4px 4px rgb(212, 226,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1990, 74.3303, 88.5419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 226, 234) }
```

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

```
.background{ background-color: rgb(212,  
226, 234) }
```

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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