

Converting Colors

XYZ(69.3673, 80.0096, 90.4670)

Have a look what the booklet for
XYZ(69.3673, 80.0096, 90.4670)
contains.

XYZ(69.1506, 79.7369, 90.3434)	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(69.1506, 79.7369,
90.3434)**

Conversions

Conversions Part 1

Format	Color
Hex	C6EFEB
RGB	198, 239, 235
RGB Percent	78%, 94%, 92%
CMY	0.2235, 0.0627, 0.0784
CMYK	0.17, 0.00, 0.02, 0.06
HSL	174°, 56%, 86%
HSV	174°, 17%, 94%
XYZ	69.1506, 79.7369, 90.3434
YIQ	226.2850, -23.1520, -9.9360

Conversions

Conversions Part 2

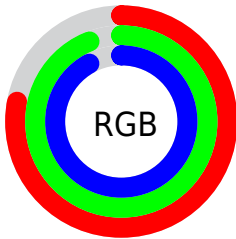
Format	Color
RYB	198, 220, 239
Decimal	13037547
CIELab	91.57, -13.95, -2.48
CIELCh	92, 14.168, 190.064
Yxy	79.7369, 0.2891, 0.3333
Android (android.graphics.Color)	4291227627 (0xFFC6EFEB)
YUV	226.2850, 4.2965, -24.8059
Hunter-Lab	89.2955, -18.0365, 2.5211

Details

The XYZ color **69.1506, 79.7369, 90.3434** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.4542, 63.0053, 64.5393**, and the grayscale version is **72.4787, 76.2532, 83.0397**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5718, 43.0509, 49.0300** is the 20% darker color. If you saturate the color by 10%, you get **63.0068, 76.6105, 88.3090**, and if you desaturate by 10%, it is **76.2975, 83.3842, 92.4512**.

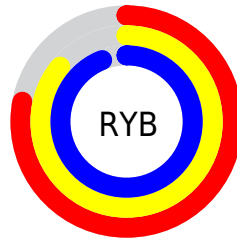
Distribution



Red (78%)

Green (94%)

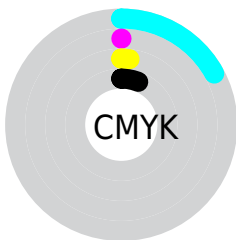
Blue (92%)



Red (78%)

Yellow (86%)

Blue (94%)

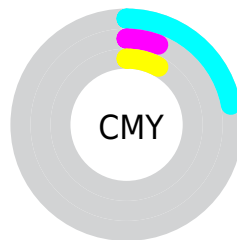


Cyan (17%)

Magenta (0%)

Yellow (2%)

Black (6%)



Cyan (22%)

Magenta (6%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1506, 79.7369, 90.3434 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 69.1506, 79.7369, 90.3434 by changing the saturation by 10% instead.

69.1506, 79.7369,
90.3434

69.1506, 79.7369,
90.3434

446.8750,
494.0457, 549.7462

51.1115, 59.5019,
67.6902

117.0295,
132.9958, 149.7550

36.5187, 43.0173,
49.1806

147.6001,
166.7884, 187.3504

25.0070, 29.8987,
34.3962

183.0784,
205.8690, 230.7637

16.2111, 19.7617,
22.9183

223.8299,
250.6220, 280.4133

9.7654, 12.2219,
14.3284

270.2200,
301.4318, 336.7178

5.3048, 6.8950,
8.2081

322.6140,

2.4638, 3.3965,

358.6827, 400.0958

4.1387

381.3772,
422.7592, 470.9657

■ 0.8770, 1.3421,
1.7018

■ 0.0000, 0.1734,
0.3619

■ 69.1506, 79.7369,
90.3434

■ 69.1506, 79.7369,
90.3434

■ 63.0068, 76.6105,
88.3090

■ 76.2975, 83.3842,
92.4512

■ 57.8127, 73.9710,
86.3404


■ 84.4840, 87.5647,
94.6291

■ 53.5203, 71.7959,
84.4369


■ 88.1353, 89.4068,
96.6181


■ 50.0748, 70.0569,
82.5958


■ 88.4881, 89.5479,
98.4760

 47.4153, 68.7225,
80.8143


 88.8454, 89.6908,
100.3576


 45.4729, 67.7573,
79.0890


 89.2072, 89.8356,
102.2629


 44.1664, 67.1195,
77.4160

 89.5735, 89.9821,
104.1920

 43.3909, 66.7549,
75.7904

 89.9444, 90.1305,
106.1450

 43.2200, 66.6767,
75.3344

 90.1579, 90.2159,
107.2693

Harmonies

Analogous

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



69.4421, 79.7369, 80.2106



69.1506, 79.7369, 90.3434



70.5937, 79.7369, 100.2666

Triad

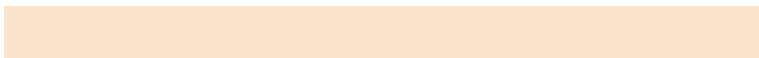
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1506, 79.7369, 90.3434



80.3478, 79.7369, 102.9557



78.1813, 79.7369, 69.4262

Complementary

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



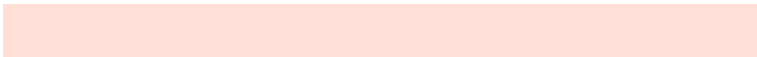
69.1506, 79.7369, 90.3434



66.4542, 63.0053, 64.5393

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.



81.2300, 79.7369, 74.6327



69.1506, 79.7369, 90.3434



82.5082, 79.7369, 93.7828

Square

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



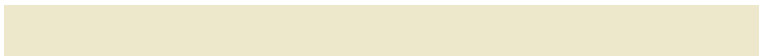
69.1506, 79.7369, 90.3434



77.0080, 79.7369, 107.9217



82.8361, 79.7369, 83.3893



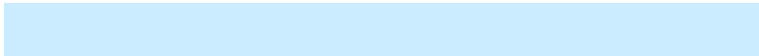
74.5800, 79.7369, 68.6654

Rectangle

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



69.1506, 79.7369, 90.3434



72.3730, 79.7369, 105.2292



82.8361, 79.7369, 83.3893



79.3078, 79.7369, 70.6936

Sweetspot

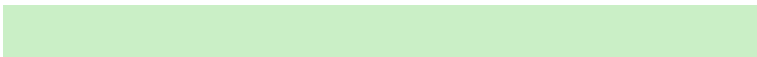
The Sweet Spot groups the original color and five complimentary colors.



69.1529, 79.7402, 90.3452



90.3140, 97.5816, 107.6356



65.4461, 78.3841, 65.1078



19.1937, 20.8165, 23.0008



0.0000, 0.0000, 0.0000



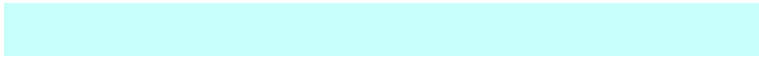
20.3446, 21.4041, 23.3091

Same Dimension

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



69.1529, 79.7402, 90.3452



77.1881, 90.8878, 103.7298



65.1520, 70.8023, 91.8975



16.1770, 17.9008, 19.9547



23.9106, 36.8563, 41.7738



2.0083, 3.0738, 3.5760

Inverse Universe

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



66.4542, 63.0053, 64.5393



73.4549, 67.7327, 68.0277



69.9403, 70.7265, 63.3928



15.8355, 15.7839, 16.6899



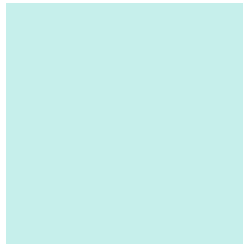
19.7800, 10.1844, 1.4923



1.6665, 0.8556, 0.2346

Previews

White Background



This preview shows how the XYZ color 69.1506, 79.7369, 90.3434 looks on a white background.

Color Contrast Check

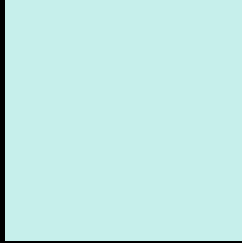
Large Text (above 18pt) WCAG AA × Fail

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 69.1506, 79.7369, 90.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

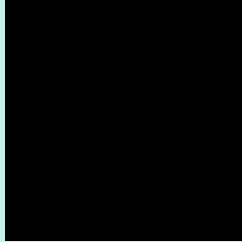
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

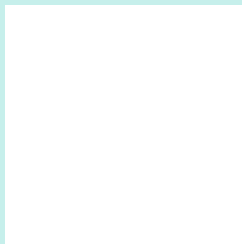
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1506, 79.7369, 90.3434

Background



This preview shows how black text looks on a background with the XYZ color 69.1506, 79.7369, 90.3434.

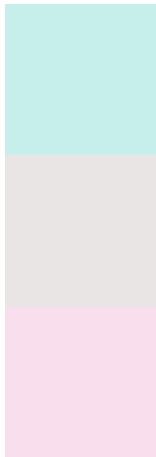


This preview shows how white text looks on a background with the XYZ color 69.1506, 79.7369,

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

69.1506, 79.7369, 90.3434

Protanopia

76.0939, 79.1882, 85.4030

Deuteranopia

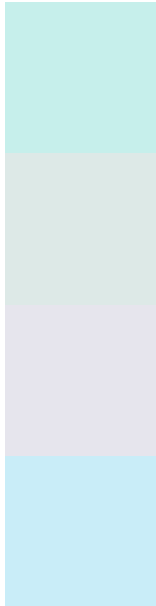
80.8872, 79.0881, 91.8912



Tritanopia

72.4026, 79.7675, 106.1884

Trichromacy



Original Color

69.1506, 79.7369, 90.3434

Protanomaly

73.3815, 79.4195, 87.0632

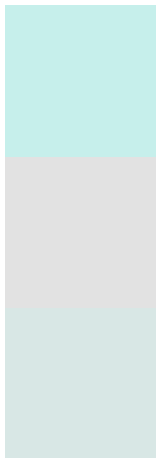
Deuteranomaly

75.9385, 78.9760, 91.3623

Tritanomaly

71.3149, 79.7632, 100.4441

Monochromacy



Original Color

69.1506, 79.7369, 90.3434

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.0377, 77.4079, 85.3259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1506, 79.7369, 90.3434 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(198, 239, 235)` looks like.

```
.text, #text, p{  
    color:rgb(198, 239, 235)  
}
```

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(198, 239, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 239, 235) }
```

Border

The CSS property to change the border of an element to XYZ 69.1506, 79.7369, 90.3434 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(198, 239, 235) }
```


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

```
.border{ border-color:rgb(198, 239, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 239, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 239, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 239, 235);  
box-shadow:4px 4px 4px 4px rgb(198, 239,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1506, 79.7369, 90.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 239, 235) }
```

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

```
.background{ background-color: rgb(198,  
239, 235) }
```

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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