

Converting Colors

XYZ(69.2752, 76.6612, 92.7642)

Have a look what the booklet for
XYZ(69.2752, 76.6612, 92.7642)
contains.

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Color

**XYZ(69.3384, 76.7826,
92.8274)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE8EF
RGB	204, 232, 239
RGB Percent	80%, 91%, 94%
CMY	0.2000, 0.0902, 0.0627
CMYK	0.15, 0.03, 0.00, 0.06
HSL	192°, 52%, 87%
HSV	192°, 15%, 94%
XYZ	69.3384, 76.7826, 92.8274
YIQ	224.4260, -18.9350, -3.7590

Conversions

Conversions Part 2

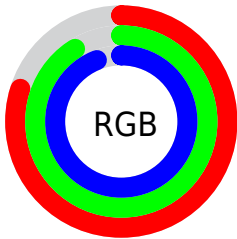
Format	Color
R_{YB}	204, 220, 239
Decimal	13428975
CIE _{Lab}	90.22, -7.74, -6.50
CIE _{LCh}	90, 10.112, 220.014
Yxy	76.7826, 0.2902, 0.3213
Android (android.graphics.Color)	4291619055 (0xFFCCE8EF)
YUV	224.4260, 7.1850, -17.9136
Hunter-Lab	87.6257, -12.0975, -1.4717

Details

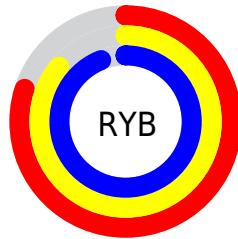
The XYZ color **69.3384, 76.7826, 92.8274** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.7904, 69.2986, 66.8256**, and the grayscale version is **71.1180, 74.8216, 81.4807**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4670, 40.8591, 50.7643** is the 20% darker color. If you saturate the color by 10%, you get **61.9576, 71.0102, 92.1034**, and if you desaturate by 10%, it is **77.7654, 83.1527, 93.6140**.

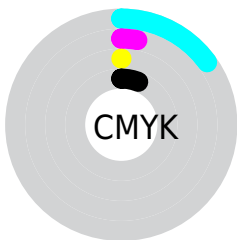
Distribution



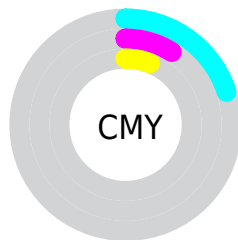
- Red (80%)
- Green (91%)
- Blue (94%)



- Red (80%)
- Yellow (86%)
- Blue (94%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3384, 76.7826, 92.8274 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 69.3384, 76.7826, 92.8274 by changing the saturation by 10% instead.

■ 69.3384, 76.7826,
92.8274

■ 69.3384, 76.7826,
92.8274

447.5263,
484.0225, 557.9917

■ 51.2650, 57.0745,
69.7412

117.2962,
128.8326, 153.2293

■ 36.6414, 41.0650,
50.8401

147.9113,
161.9432, 191.3820

■ 25.1024, 28.3699,
35.7055

183.4377,
200.2900, 235.3940

■ 16.2825, 18.6047,
23.9189

224.2407,
244.2576, 285.6838

■ 9.8164, 11.3850,
15.0619

270.6858,
294.2302, 342.6699

■ 5.3387, 6.3264,
8.7157

323.1381,

■ 2.4841, 3.0446,

350.5923, 406.7709

4.4619

381.9632,
413.7283, 478.4053

■ 0.8873, 1.1550,
1.8820

■ 0.0000, 0.0245,
0.4813

■ 69.3384, 76.7826,
92.8274

■ 69.3384, 76.7826,
92.8274

■ 61.9576, 71.0102,
92.1034

■ 77.7654, 83.1527,
93.6140

■ 55.5704, 65.8018,
91.4348

■ 87.2751, 90.1336,
94.4603

■ 50.1295, 61.1346,
90.8207

■ 89.8790, 93.6097,
94.9940

■ 45.5811, 56.9806,
90.2586

■ 91.3537, 96.5590,
95.4855

■ 41.8656, 53.3085,
89.7456

■ 92.5802, 99.0121,
95.8944

■ 38.9161, 50.0834,
89.2786

■ 36.6549, 47.2648,
88.8537

■ 34.9867, 44.8031,
88.4665

■ 34.2599, 43.5914,
88.2709

Harmonies

Analogous

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



68.3205, 76.7826, 86.0346



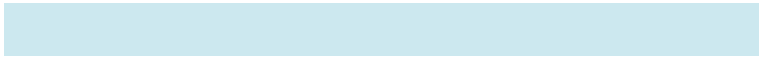
69.3384, 76.7826, 92.8274



71.3393, 76.7826, 97.3048

Triad

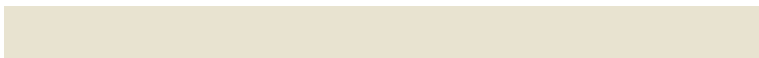
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.3384, 76.7826, 92.8274



77.6188, 76.7826, 88.4263



72.1419, 76.7826, 70.6937

Complementary

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



69.3384, 76.7826, 92.8274



69.7904, 69.2986, 66.8256

Split Complementary

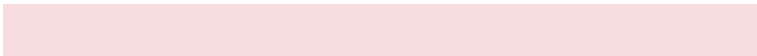
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6448, 76.7826, 71.2523



69.3384, 76.7826, 92.8274



77.8457, 76.7826, 81.2181

Square

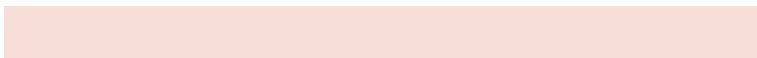
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3384, 76.7826, 92.8274



76.1331, 76.7826, 94.6645



76.7460, 76.7826, 75.0112



69.9144, 76.7826, 73.4390

Rectangle

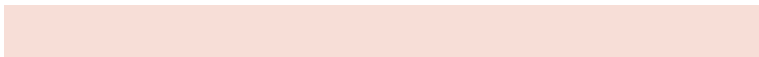
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



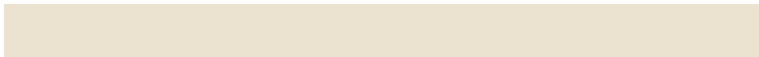
69.3384, 76.7826, 92.8274



72.9808, 76.7826, 98.2305



76.7460, 76.7826, 75.0112



72.9784, 76.7826, 70.5052

Sweetspot

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



69.3406, 76.7858, 92.8291



90.7494, 96.8224, 108.5133



67.4545, 79.2457, 72.9873



19.2559, 20.5988, 23.2110



0.0000, 0.0000, 0.0000



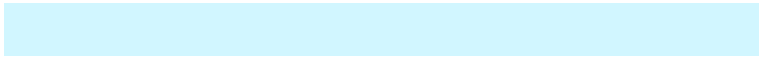
20.3446, 21.4041, 23.3091

Same Dimension

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



69.3406, 76.7858, 92.8291



77.2752, 86.5946, 107.2493



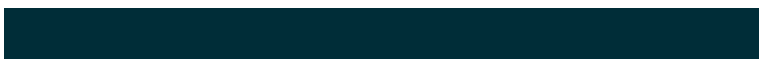
64.8048, 67.7140, 91.3172



15.9633, 17.3608, 20.2312



19.0276, 24.2794, 48.8114



1.6503, 2.1545, 4.0831

Inverse Universe

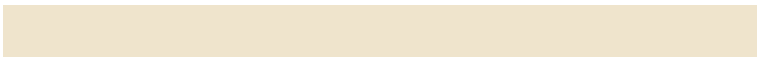
The Inverse Universe completely reimagines the original color for something new.



71.7567, 67.3642, 85.5683



80.6726, 73.5531, 96.9927



74.2174, 78.1527, 68.3013



16.3109, 15.9741, 19.1936



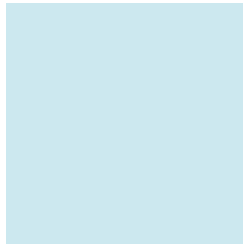
24.9299, 12.2444, 28.6110



2.1079, 1.0322, 2.5592

Previews

White Background



This preview shows how the XYZ color 69.3384, 76.7826, 92.8274 looks on a white background.

Color Contrast Check

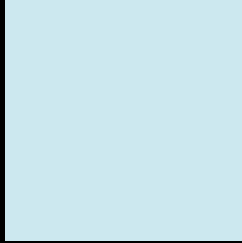
Large Text (above 18pt) WCAG AA × Fail

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 69.3384, 76.7826, 92.8274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

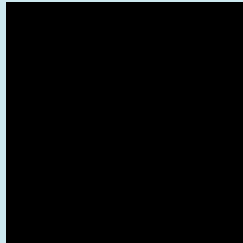
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3384, 76.7826, 92.8274

Background



This preview shows how black text looks on a background with the XYZ color 69.3384, 76.7826, 92.8274.



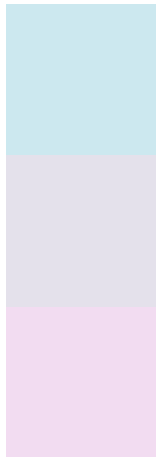
This preview shows how white text looks on a background with the XYZ color 69.3384, 76.7826,

92.8274.

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

69.3384, 76.7826, 92.8274

Protanopia

73.9155, 76.3426, 89.4371

Deuteranopia

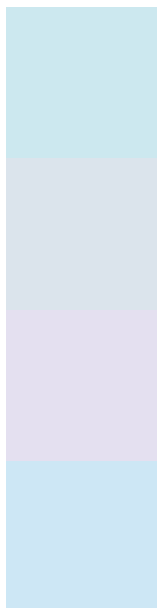
78.0883, 76.4145, 93.8529



Tritanopia

70.8493, 76.5550, 100.6650

Trichromacy



Original Color

69.3384, 76.7826, 92.8274

Protanomaly

72.0971, 76.6030, 90.3428

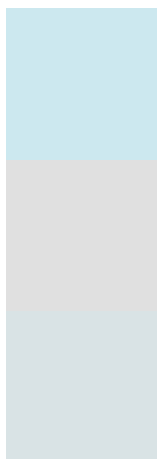
Deuteranomaly

74.3787, 76.0966, 93.2060

Tritanomaly

70.2342, 76.7235, 97.4936

Monochromacy



Original Color

69.3384, 76.7826, 92.8274

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.2272, 75.3470, 84.9708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3384, 76.7826, 92.8274 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(204, 232, 239)` looks like.

```
.text, #text, p{  
    color:rgb(204, 232, 239)  
}
```

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(204, 232, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 232, 239) }
```

Border

The CSS property to change the border of an element to XYZ 69.3384, 76.7826, 92.8274 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(204, 232, 239) }
```


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

```
.border{ border-color:rgb(204, 232, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 232, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 232, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 232, 239);  
box-shadow:4px 4px 4px 4px rgb(204, 232,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3384, 76.7826, 92.8274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 232, 239) }
```

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

```
.background{ background-color: rgb(204,  
232, 239) }
```

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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