

Converting Colors

XYZ(69.4963, 76.4825, 97.8927)

Have a look what the booklet for
XYZ(69.4963, 76.4825, 97.8927)
contains.

XYZ(69.5676, 76.3622, 98.2616)	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(69.5676, 76.3622,
98.2616)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE7F6
RGB	202, 231, 246
RGB Percent	79%, 91%, 96%
CMY	0.2078, 0.0941, 0.0353
CMYK	0.18, 0.06, 0.00, 0.04
HSL	200°, 71%, 88%
HSV	200°, 18%, 96%
XYZ	69.5676, 76.3622, 98.2616
YIQ	224.0390, -22.0990, -1.4830

Conversions

Conversions Part 2

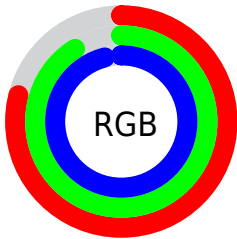
Format	Color
R _Y B	202, 219, 246
Decimal	13297654
CIE Lab	90.03, -6.41, -10.47
CIE LCh	90, 12.275, 238.509
Yxy	76.3622, 0.2849, 0.3127
Android (android.graphics.Color)	4291487734 (0xFFCAE7F6)
YUV	224.0390, 10.8268, -19.3282
Hunter-Lab	87.3855, -10.8207, -5.4995

Details

The XYZ color **69.5676, 76.3622, 98.2616** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.4803, 73.4829, 66.1895**, and the grayscale version is **70.8176, 74.5057, 81.1367**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6569, 40.5807, 54.6160** is the 20% darker color. If you saturate the color by 10%, you get **61.1443, 68.6209, 97.2126**, and if you desaturate by 10%, it is **79.1689, 84.8817, 99.4012**.

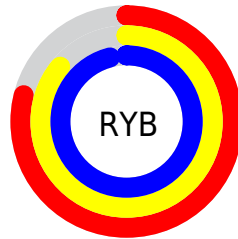
Distribution



Red (79%)

Green (91%)

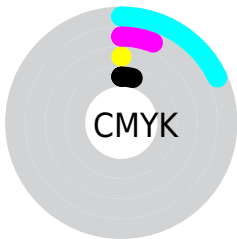
Blue (96%)



Red (79%)

Yellow (86%)

Blue (96%)

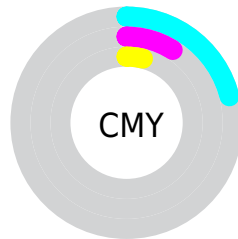


Cyan (18%)

Magenta (6%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (9%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5676, 76.3622, 98.2616 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 69.5676, 76.3622, 98.2616 by changing the saturation by 10% instead.

■ 69.5676, 76.3622,
98.2616

■ 69.5676, 76.3622,
98.2616

448.3204,
482.5867, 575.8037

■ 51.4524, 56.7296,
74.2407

117.6216,
128.2388, 160.7971

■ 36.7913, 40.7882,
54.4931

148.2910,
161.2515, 200.1489

■ 25.2189, 28.1536,
38.6002

183.8760,
199.4930, 245.4481

■ 16.3698, 18.4415,
26.1434

224.7418,
243.3477, 297.1132

■ 9.8787, 11.2674,
16.7042

271.2538,
293.2001, 355.5628

■ 5.3803, 6.2470,
9.8641

323.7773,

■ 2.5091, 2.9958,

349.4344, 421.2153

5.2045

382.6778,
412.4352, 494.4895

■ 0.8998, 1.1296,
2.3069

■ 0.0000, 0.0030,
0.7351

■ 69.5676, 76.3622,
98.2616

■ 69.5676, 76.3622,
98.2616

■ 61.1443, 68.6209,
97.2126

■ 79.1689, 84.8817,
99.4012

■ 53.8405, 61.6193,
96.2461

■ 89.9897, 94.1970,
100.6289

■ 47.6026, 55.3294,
95.3608

■ 93.6348, 99.4339,
101.4476

■ 42.3697, 49.7175,
94.5534

■ 38.0744, 44.7462,
93.8202

■ 34.6399, 40.3736,
93.1572

■ 31.9762, 36.5506,
92.5597

■ 29.9622, 33.2120,
92.0214

■ 29.5822, 32.5487,
91.9134

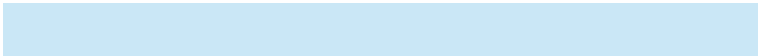
Harmonies

Analogous

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



67.5610, 76.3622, 91.3989



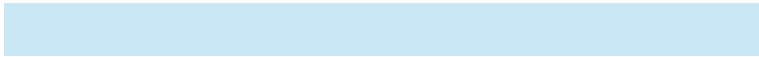
69.5676, 76.3622, 98.2616



72.4279, 76.3622, 101.0385

Triad

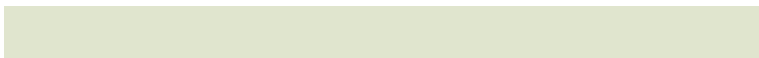
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5676, 76.3622, 98.2616



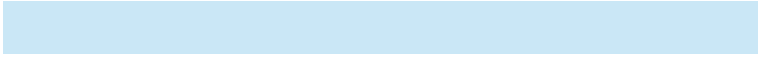
78.5849, 76.3622, 83.5821



69.8242, 76.3622, 69.2783

Complementary

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



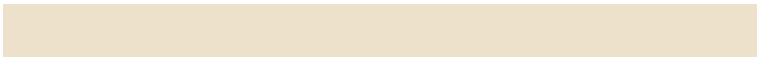
69.5676, 76.3622, 98.2616



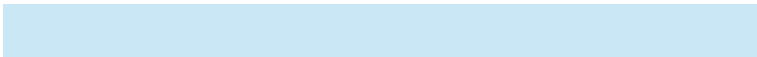
73.4803, 73.4829, 66.1895

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.



72.7323, 76.3622, 67.5004



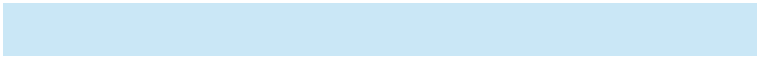
69.5676, 76.3622, 98.2616



77.8415, 76.3622, 75.4045

Square

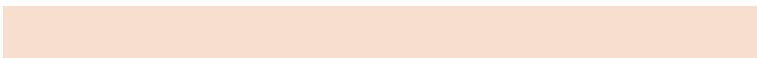
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.5676, 76.3622, 98.2616



77.6822, 76.3622, 92.2054



75.6781, 76.3622, 69.6650



67.7062, 76.3622, 74.6993

Rectangle

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



69.5676, 76.3622, 98.2616



74.4525, 76.3622, 100.0615



75.6781, 76.3622, 69.6650



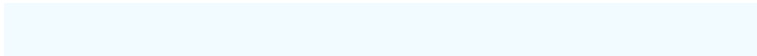
70.7392, 76.3622, 68.2522

Sweetspot

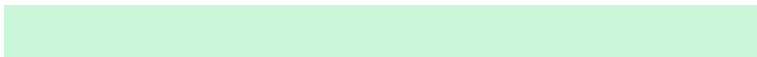
The Sweet Spot groups the original color and five complimentary colors.



69.5699, 76.3653, 98.2633



89.1431, 94.9200, 108.2308



69.7954, 83.4620, 77.8512



18.9084, 20.1678, 23.1461



0.0000, 0.0000, 0.0000



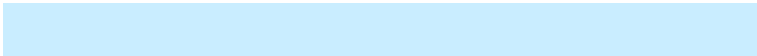
20.3446, 21.4041, 23.3091

Same Dimension

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



69.5699, 76.3653, 98.2633



72.4698, 80.1224, 106.2533



63.8755, 64.9767, 96.3652



16.4934, 17.7510, 21.0996



15.9249, 17.6436, 49.1043



1.4948, 1.7409, 4.3475

Inverse Universe

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



73.5522, 67.6052, 84.7773



77.4809, 69.3431, 89.2286



79.4371, 85.3965, 68.1751



16.9596, 16.6667, 19.5338



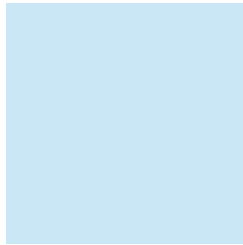
23.8427, 11.8805, 19.6777



2.1435, 1.0634, 1.9823

Previews

White Background



This preview shows how the XYZ color 69.5676, 76.3622, 98.2616 looks on a white background.

Color Contrast Check

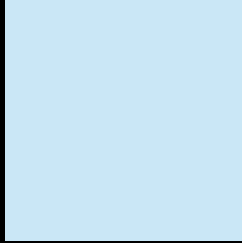
Large Text (above 18pt) WCAG AA × Fail

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 69.5676, 76.3622, 98.2616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

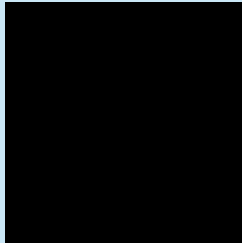
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

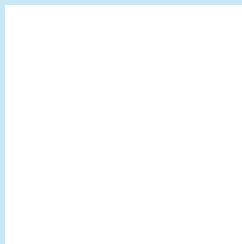
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5676, 76.3622, 98.2616

Background



This preview shows how black text looks on a background with the XYZ color 69.5676, 76.3622, 98.2616.

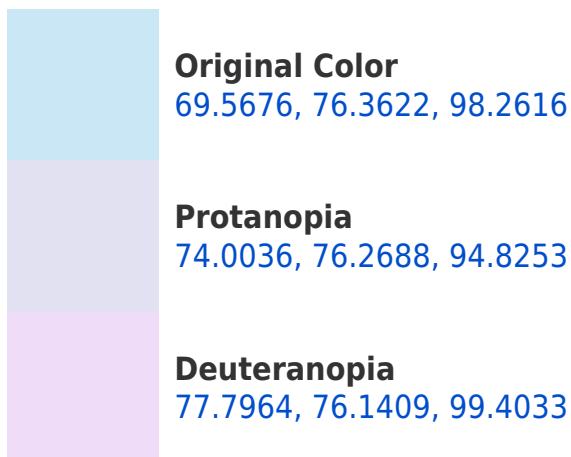


This preview shows how white text looks on a background with the XYZ color 69.5676, 76.3622,

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

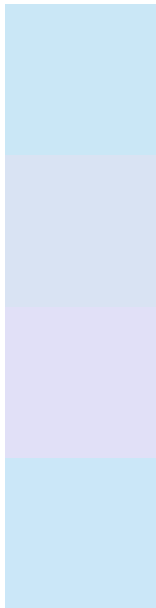




Tritanopia

70.3034, 76.6879, 100.7194

Trichromacy



Original Color

69.5676, 76.3622, 98.2616

Protanomaly

72.2620, 76.1609, 95.6859

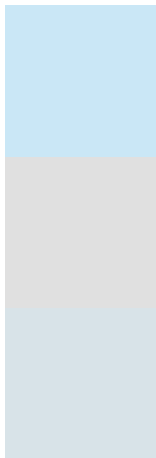
Deuteranomaly

74.4955, 76.0343, 98.7454

Tritanomaly

70.1478, 76.6256, 99.9000

Monochromacy



Original Color

69.5676, 76.3622, 98.2616

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.3535, 75.3633, 87.1825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5676, 76.3622, 98.2616 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(202, 231, 246)` looks like.

```
.text, #text, p{  
    color:rgb(202, 231, 246)  
}
```

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(202, 231, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 231, 246) }
```

Border

The CSS property to change the border of an element to XYZ 69.5676, 76.3622, 98.2616 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(202, 231, 246) }
```


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

```
.border{ border-color:rgb(202, 231, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 231, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 231, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 231, 246); box-shadow:4px 4px 4px 4px rgb(202, 231, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5676, 76.3622, 98.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 231, 246) }
```

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

```
.background{ background-color: rgb(202,  
231, 246) }
```

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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