

Converting Colors

XYZ(69.7054, 78.1671, 96.2079)

Have a look what the booklet for
XYZ(69.7054, 78.1671, 96.2079)
contains.

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Color

**XYZ(69.7054, 78.1671,
96.2079)**

Conversions

Conversions Part 1

Format	Color
Hex	C8EBF3
RGB	200, 235, 243
RGB Percent	78%, 92%, 95%
CMY	0.2157, 0.0784, 0.0471
CMYK	0.18, 0.03, 0.00, 0.05
HSL	191°, 64%, 87%
HSV	191°, 18%, 95%
XYZ	69.7054, 78.1671, 96.2079
YIQ	225.4470, -23.4280, -4.9320

Conversions

Conversions Part 2

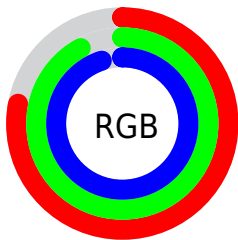
Format	Color
R _Y B	200, 219, 243
Decimal	13167603
CIE Lab	90.86, -9.69, -7.68
CIE LCh	91, 12.364, 218.415
Yxy	78.1671, 0.2856, 0.3203
Android (android.graphics.Color)	4291357683 (0xFFC8EBF3)
YUV	225.4470, 8.6536, -22.3170
Hunter-Lab	88.4122, -13.9893, -2.6294

Details

The XYZ color **69.7054, 78.1671, 96.2079** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.9439, 68.3365, 64.1489**, and the grayscale version is **71.8433, 75.5847, 82.3117**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7668, 41.8478, 53.1533** is the 20% darker color. If you saturate the color by 10%, you get **62.4473, 72.5310, 95.5038**, and if you desaturate by 10%, it is **78.0324, 84.4072, 96.9747**.

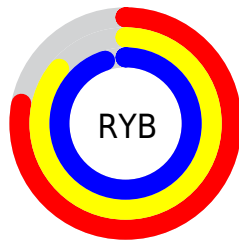
Distribution



Red (78%)

Green (92%)

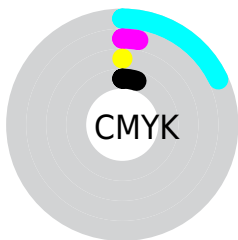
Blue (95%)



Red (78%)

Yellow (86%)

Blue (95%)

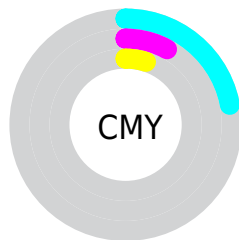


Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (8%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7054, 78.1671, 96.2079 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 69.7054, 78.1671, 96.2079 by changing the saturation by 10% instead.

■ 69.7054, 78.1671,
96.2079

■ 69.7054, 78.1671,
96.2079

448.7975,
488.7341, 569.1076

■ 51.5651, 58.2113,
72.5383

117.8171,
130.7857, 157.9422

■ 36.8814, 41.9785,
53.1090

148.5192,
164.2172, 196.8440

■ 25.2890, 29.0845,
37.5015

184.1394,
202.9093, 241.6603

■ 16.4223, 19.1447,
25.2972

225.0429,
247.2466, 292.8095

■ 9.9162, 11.7749,
16.0776

271.5951,
297.6133, 350.7104

■ 5.4053, 6.5906,
9.4241

324.1613,

■ 2.5242, 3.2074,

354.3938, 415.7813

4.9183

383.1070,
417.9727, 488.4408

■ 0.9075, 1.2410,
2.1415

■ 0.0000, 0.0948,
0.6403

■ 69.7054, 78.1671,
96.2079

■ 69.7054, 78.1671,
96.2079

■ 62.4473, 72.5310,
95.5038

■ 78.0324, 84.4072,
96.9747

■ 56.2024, 67.4635,
94.8548

■ 87.4670, 91.2654,
97.8012

■ 50.9202, 62.9405,
94.2602

■ 91.1585, 95.2123,
98.3685

■ 46.5431, 58.9317,
93.7172

■ 92.5689, 98.0332,
98.8387

■ 43.0069, 55.4039,
93.2226

■ 93.1779, 99.2512,
99.0417

■ 40.2391, 52.3191,
92.7730

■ 38.1540, 49.6329,
92.3644

■ 36.6373, 47.2859,
91.9914

■ 36.3286, 46.7725,
91.9085

Harmonies

Analogous

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



68.5325, 78.1671, 87.6430



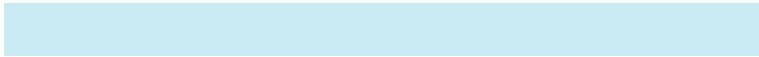
69.7054, 78.1671, 96.2079



72.1161, 78.1671, 102.0594

Triad

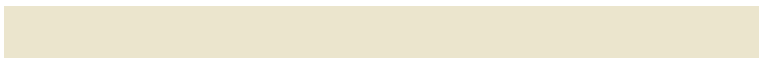
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.7054, 78.1671, 96.2079



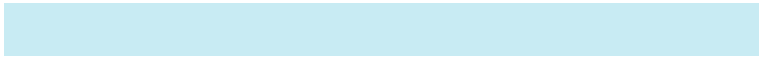
79.9991, 78.1671, 91.5714



73.4233, 78.1671, 69.2603

Complementary

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



69.7054, 78.1671, 96.2079



69.9439, 68.3365, 64.1489

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.



76.5184, 78.1671, 70.1507



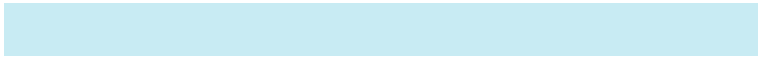
69.7054, 78.1671, 96.2079



80.3728, 78.1671, 82.6276

Square

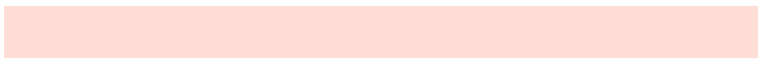
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.7054, 78.1671, 96.2079



78.0755, 78.1671, 99.2551



79.0828, 78.1671, 74.9014



70.6395, 78.1671, 72.3782

Rectangle

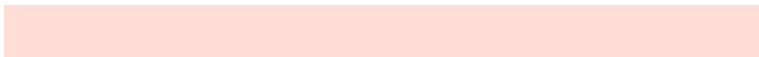
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.7054, 78.1671, 96.2079



74.1301, 78.1671, 103.4142



79.0828, 78.1671, 74.9014



74.4611, 78.1671, 69.1053

Sweetspot

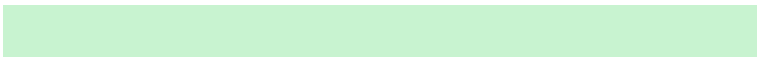
The Sweet Spot groups the original color and five complimentary colors.



69.7077, 78.1703, 96.2097



89.7620, 96.1580, 108.4371



67.2422, 80.9303, 71.6778



19.0591, 20.4692, 23.1964



0.0000, 0.0000, 0.0000



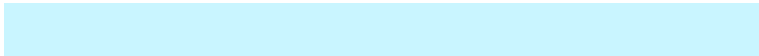
20.3446, 21.4041, 23.3091

Same Dimension

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



69.7077, 78.1703, 96.2097



74.9234, 85.0297, 107.0712



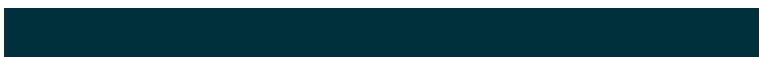
63.9482, 66.6513, 94.2898



16.7194, 18.2031, 21.1749



20.0312, 25.8561, 50.4730



1.8268, 2.4051, 4.4582

Inverse Universe

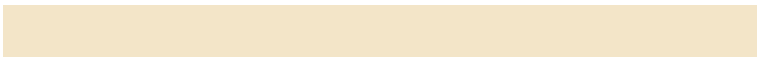
The Inverse Universe completely reimagines the original color for something new.



72.6136, 66.3631, 87.5832



78.7194, 69.8385, 95.7504



75.5143, 79.4772, 66.0057



17.0737, 16.7123, 20.1346



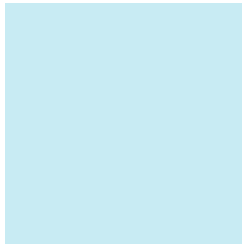
25.9153, 12.7096, 30.5921



2.3112, 1.1304, 2.8649

Previews

White Background



This preview shows how the XYZ color 69.7054, 78.1671, 96.2079 looks on a white background.

Color Contrast Check

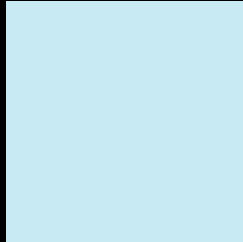
Large Text (above 18pt) WCAG AA × Fail

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 69.7054, 78.1671, 96.2079 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 69.7054, 78.1671, 96.2079

Background



This preview shows how black text looks on a background with the XYZ color 69.7054, 78.1671, 96.2079.

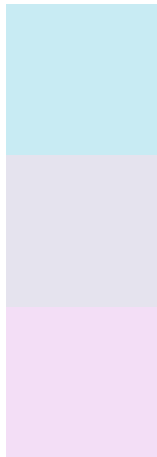


This preview shows how white text looks on a background with the XYZ color 69.7054, 78.1671,

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

69.7054, 78.1671, 96.2079

Protanopia

75.2148, 77.7692, 91.9356

Deuteranopia

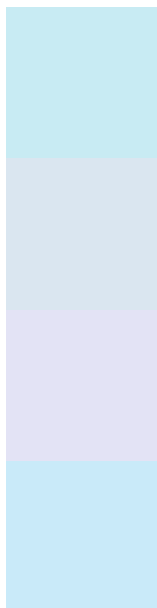
79.7180, 77.9511, 98.0332



Tritanopia

71.3506, 78.4305, 103.4735

Trichromacy



Original Color

69.7054, 78.1671, 96.2079

Protanomaly

72.9384, 77.7903, 93.6088

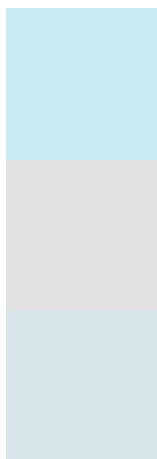
Deuteranomaly

75.6291, 77.8616, 97.4289

Tritanomaly

70.6091, 78.1027, 100.9764

Monochromacy



Original Color

69.7054, 78.1671, 96.2079

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.9037, 76.4637, 87.3659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7054, 78.1671, 96.2079 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(200, 235, 243)` looks like.

```
.text, #text, p{  
    color:rgb(200, 235, 243)  
}
```

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(200, 235, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 235, 243) }
```

Border

The CSS property to change the border of an element to XYZ 69.7054, 78.1671, 96.2079 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(200, 235, 243) }
```


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

```
.border{ border-color:rgb(200, 235, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 235, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 235, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 235, 243);  
box-shadow:4px 4px 4px 4px rgb(200, 235,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7054, 78.1671, 96.2079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 235, 243) }
```

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

```
.background{ background-color: rgb(200,  
235, 243) }
```

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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