

Converting Colors

XYZ(69.0048, 79.4349, 94.1346)

Have a look what the booklet for
XYZ(69.0048, 79.4349, 94.1346)
contains.

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Color

**XYZ(69.1004, 79.6264,
94.1655)**

Conversions

Conversions Part 1

Format	Color
Hex	C3EFF0
RGB	195, 239, 240
RGB Percent	76%, 94%, 94%
CMY	0.2353, 0.0627, 0.0588
CMYK	0.19, 0.00, 0.00, 0.06
HSL	181°, 60%, 85%
HSV	181°, 19%, 94%
XYZ	69.1004, 79.6264, 94.1655
YIQ	225.9580, -26.5450, -9.0170

Conversions

Conversions Part 2

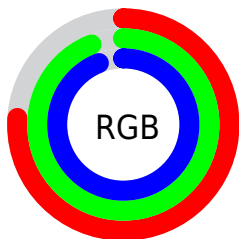
Format	Color
R_{YB}	195, 217, 240
Decimal	12840944
CIE _{Lab}	91.52, -13.84, -5.18
CIE _{LCh}	92, 14.780, 200.496
Yxy	79.6264, 0.2845, 0.3278
Android (android.graphics.Color)	4291031024 (0xFFC3EFF0)
YUV	225.9580, 6.9227, -27.1502
Hunter-Lab	89.2336, -17.9327, -0.1034

Details

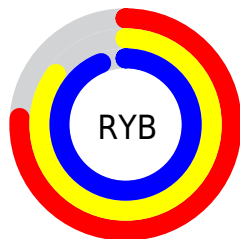
The XYZ color **69.1004, 79.6264, 94.1655** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.5262, 61.9454, 60.1344**, and the grayscale version is **72.2256, 75.9870, 82.7498**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **36.4004, 42.9031, 51.7100** is the 20% darker color. If you saturate the color by 10%, you get **63.2361, 76.3746, 93.8482**, and if you desaturate by 10%, it is **75.9665, 83.3995, 94.5332**.

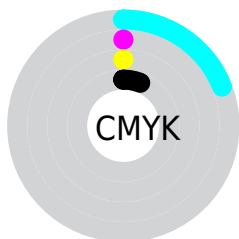
Distribution



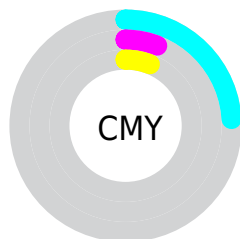
- Red (76%)
- Green (94%)
- Blue (94%)



- Red (76%)
- Yellow (85%)
- Blue (94%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (24%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1004, 79.6264, 94.1655 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 69.1004, 79.6264, 94.1655 by changing the saturation by 10% instead.

69.1004, 79.6264,
94.1655

69.1004, 79.6264,
94.1655

446.7008,
493.6729, 562.4059

51.0704, 59.4110,
70.8476

116.9582,
132.8403, 155.0968

36.4859, 42.9440,
51.7367

147.5168,
166.6076, 193.5473

24.9816, 29.8412,
36.4145

182.9823,
205.6610, 237.8791

16.1920, 19.7181,
24.4623

223.7201,
250.3849, 288.5107

9.7518, 12.1903,
15.4615

270.0954,
301.1636, 345.8606

5.2957, 6.8734,
8.9937

322.4738,

2.4583, 3.3831,

358.3816, 410.3474

4.6403

381.2205,
422.4232, 482.3897

■ 0.8743, 1.3348,
1.9828

■ 0.0000, 0.1679,
0.5447

■ 69.1004, 79.6264,
94.1655

■ 69.1004, 79.6264,
94.1655

■ 63.2361, 76.3746,
93.8482

■ 75.9665, 83.3995,
94.5332

■ 58.3190, 73.6097,
93.5737


■ 83.8717, 87.7069,
94.9479


■ 54.3001, 71.3085,
93.3413


■ 88.3054, 90.2252,
95.2004


■ 51.1232, 69.4421,
93.1485


■ 88.4626, 90.5397,
95.2528


 48.7256, 67.9781,
92.9923


 88.6203, 90.8552,
95.3053


 47.0360, 66.8797,
92.8694


 88.7785, 91.1715,
95.3581


 45.9700, 66.1035,
92.7757

 88.9371, 91.4888,
95.4109

 45.4033, 65.5854,
92.7056

 89.0962, 91.8070,
95.4640

 45.3467, 65.5280,
92.6975

 89.2558, 92.1261,
95.5172

Harmonies

Analogous

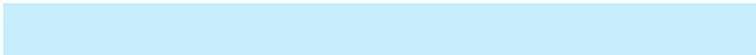
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.7631, 79.6264, 83.3204



69.1004, 79.6264, 94.1655



71.1690, 79.6264, 103.7052

Triad

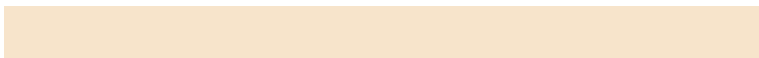
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1004, 79.6264, 94.1655



81.4082, 79.6264, 100.5721



76.8844, 79.6264, 67.8125

Complementary

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



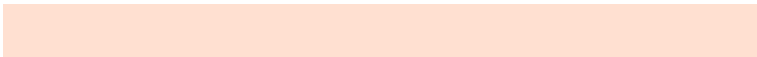
69.1004, 79.6264, 94.1655



65.5262, 61.9454, 60.1344

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.



80.3829, 79.6264, 71.6628



69.1004, 79.6264, 94.1655



83.0512, 79.6264, 90.1690

Square

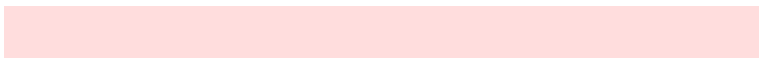
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1004, 79.6264, 94.1655



78.2464, 79.6264, 107.6116



82.6699, 79.6264, 79.6392



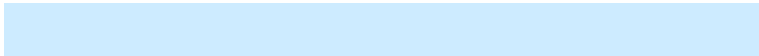
73.1753, 79.6264, 68.6891

Rectangle

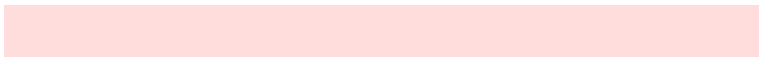
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



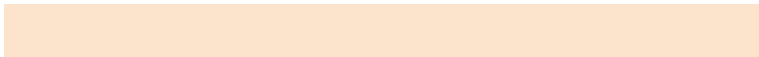
69.1004, 79.6264, 94.1655



73.2906, 79.6264, 107.7536



82.6699, 79.6264, 79.6392



78.1259, 79.6264, 68.5839

Sweetspot

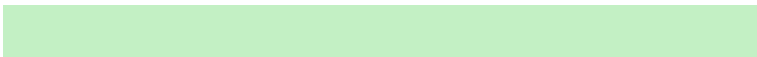
The Sweet Spot groups the original color and five complimentary colors.



69.1027, 79.6297, 94.1673



89.5354, 96.9968, 108.6110



63.6026, 77.8979, 63.7607



19.0415, 20.6943, 23.2407



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.



69.1027, 79.6297, 94.1673



76.9415, 90.0781, 107.9393



62.9838, 67.3919, 92.1277



16.2156, 17.8653, 20.3153



24.8370, 35.8983, 50.7479



2.0757, 3.0053, 4.2249

Inverse Universe

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



71.0321, 63.7893, 90.2339



79.4910, 69.2011, 102.7298



70.9232, 72.7395, 61.9334



16.4383, 16.0250, 19.8641



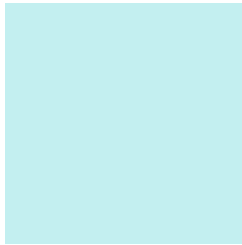
27.8622, 13.4173, 44.0524



2.3227, 1.1181, 3.6899

Previews

White Background



This preview shows how the XYZ color 69.1004, 79.6264, 94.1655 looks on a white background.

Color Contrast Check

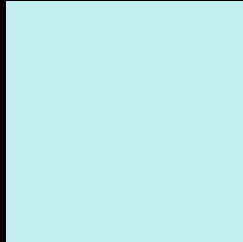
Large Text (above 18pt) WCAG AA × Fail

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 69.1004, 79.6264, 94.1655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

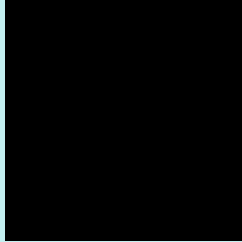
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1004, 79.6264, 94.1655

Background



This preview shows how black text looks on a background with the XYZ color 69.1004, 79.6264, 94.1655.



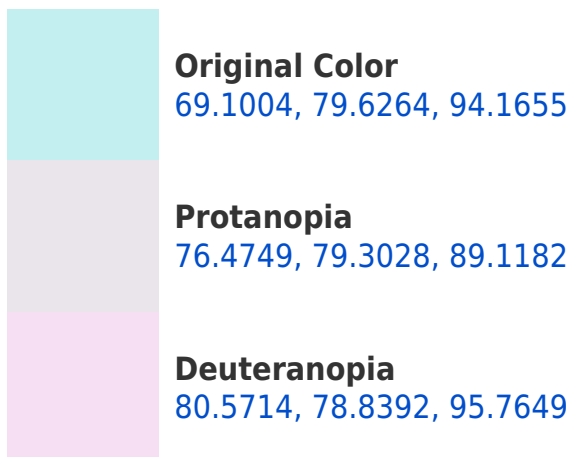
This preview shows how white text looks on a background with the XYZ color 69.1004, 79.6264,

94.1655.

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

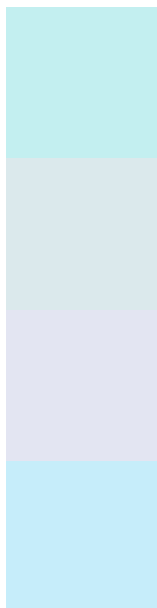




Tritanopia

71.5986, 79.3530, 106.1508

Trichromacy



Original Color

69.1004, 79.6264, 94.1655

Protanomaly

73.4927, 79.3940, 90.8080

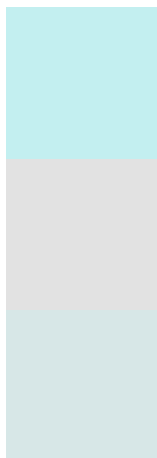
Deuteranomaly

75.7249, 78.7803, 95.2194

Tritanomaly

70.8282, 79.4763, 102.0499

Monochromacy



Original Color

69.1004, 79.6264, 94.1655

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.0240, 77.3684, 86.7915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1004, 79.6264, 94.1655 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(195, 239, 240)` looks like.

```
.text, #text, p{  
    color:rgb(195, 239, 240)  
}
```

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(195, 239, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 239, 240) }
```

Border

The CSS property to change the border of an element to XYZ 69.1004, 79.6264, 94.1655 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(195, 239, 240) }
```


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

```
.border{ border-color:rgb(195, 239, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 239, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 239, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 239, 240);  
box-shadow:4px 4px 4px 4px rgb(195, 239,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1004, 79.6264, 94.1655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 239, 240) }
```

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

```
.background{ background-color: rgb(195,  
239, 240) }
```

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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