

Converting Colors

XYZ(70.2036, 79.0254, 92.3921)

Have a look what the booklet for
XYZ(70.2036, 79.0254, 92.3921)
contains.

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Color

**XYZ(70.0567, 78.8605,
92.4181)**

Conversions

Conversions Part 1

Format	Color
Hex	CBECEE
RGB	203, 236, 238
RGB Percent	80%, 93%, 93%
CMY	0.2039, 0.0745, 0.0667
CMYK	0.15, 0.01, 0.00, 0.07
HSL	183°, 51%, 86%
HSV	183°, 15%, 93%
XYZ	70.0567, 78.8605, 92.4181
YIQ	226.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

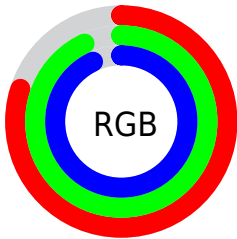
Format	Color
R _Y B	203, 220, 238
Decimal	13364462
CIE Lab	91.17, -10.29, -4.59
CIE LCh	91, 11.265, 204.020
Yxy	78.8605, 0.2903, 0.3268
Android (android.graphics.Color)	4291554542 (0xFFCBECEE)
YUV	226.3610, 5.7380, -20.4876
Hunter-Lab	88.8034, -14.5880, 0.4591

Details

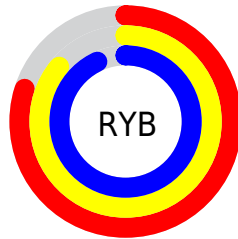
The XYZ color **70.0567, 78.8605, 92.4181** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.8713, 66.1514, 65.6927**, and the grayscale version is **72.5221, 76.2989, 83.0895**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9775, 42.3158, 50.4748** is the 20% darker color. If you saturate the color by 10%, you get **63.6775, 74.9959, 92.0096**, and if you desaturate by 10%, it is **77.4384, 83.2506, 92.8777**.

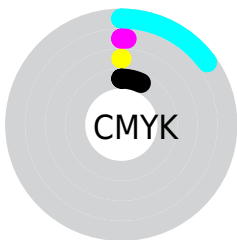
Distribution



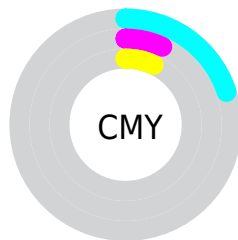
- Red (80%)
- Green (93%)
- Blue (93%)



- Red (80%)
- Yellow (86%)
- Blue (93%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0567, 78.8605, 92.4181 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 70.0567, 78.8605, 92.4181 by changing the saturation by 10% instead.

70.0567, 78.8605,
92.4181

70.0567, 78.8605,
92.4181

450.0124,
491.0843, 556.6376

51.8525, 58.7811,
69.4030

118.3154,
131.7625, 152.6575

37.1113, 42.4369,
50.5662

149.1007,
165.3538, 190.7188

25.4678, 29.4436,
35.4891

184.8104,
204.2180, 234.6326

16.5565, 19.4166,
23.7533

225.8098,
248.7393, 284.8174

10.0121, 11.9717,
14.9402

272.4644,
299.3022, 341.6918

5.4693, 6.7244,
8.6313

325.1394,

2.5627, 3.2904,

356.2911, 405.6742

4.4080

384.2003,
420.0903, 477.1833

■ 0.9270, 1.2851,
1.8517

■ 0.0000, 0.1297,
0.4618

■ 70.0567, 78.8605,
92.4181

■ 70.0567, 78.8605,
92.4181

■ 63.6775, 74.9959,
92.0096

■ 77.4384, 83.2506,
92.8777

■ 58.2487, 71.6235,
91.6448


■ 85.8582, 88.1781,
93.3850


■ 53.7239, 68.7215,
91.3232


■ 87.8559, 89.7993,
93.5926


■ 50.0500, 66.2626,
91.0422


■ 88.2573, 90.6021,
93.7264


 47.1684, 64.2165,
90.7991

 88.6617, 91.4108,
93.8612


 45.0131, 62.5492,
90.5909


 89.0691, 92.2256,
93.9970


 43.5073, 61.2211,
90.4139

 89.4794, 93.0463,
94.1338

 42.5570, 60.1837,
90.2638

 89.8928, 93.8731,
94.2716

 42.2028, 59.7130,
90.1916

 90.3093, 94.7060,
94.4104

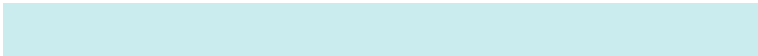
Harmonies

Analogous

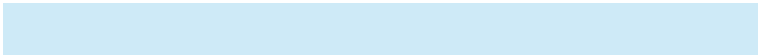
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.6322, 78.8605, 84.2400



70.0567, 78.8605, 92.4181



71.7790, 78.8605, 99.2111

Triad

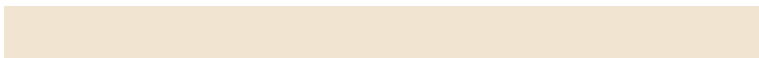
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0567, 78.8605, 92.4181



79.4800, 78.8605, 95.4263



75.5273, 78.8605, 71.1749

Complementary

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



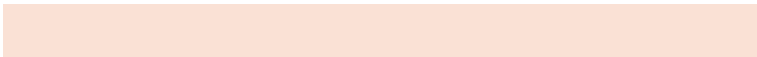
70.0567, 78.8605, 92.4181



67.8713, 66.1514, 65.6927

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.



78.2224, 78.8605, 73.7742



70.0567, 78.8605, 92.4181



80.5415, 78.8605, 87.5121

Square

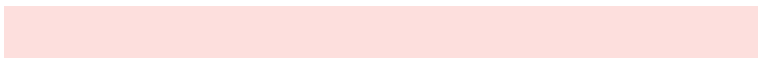
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0567, 78.8605, 92.4181



77.2088, 78.8605, 101.0234



80.0755, 78.8605, 79.6305



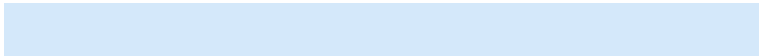
72.7446, 78.8605, 72.3054

Rectangle

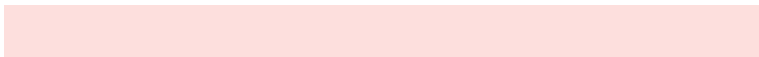
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



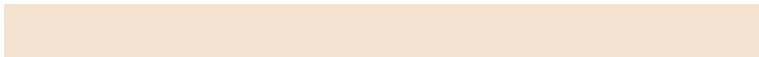
70.0567, 78.8605, 92.4181



73.4551, 78.8605, 101.8651



80.0755, 78.8605, 79.6305



76.4743, 78.8605, 71.6359

Sweetspot

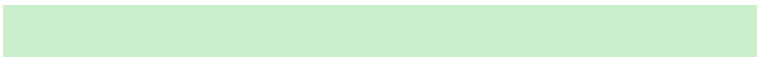
The Sweet Spot groups the original color and five complimentary colors.



70.0590, 78.8638, 92.4199



91.2111, 97.7458, 108.6672



66.1938, 78.2427, 69.2145



19.3731, 20.8333, 23.2501



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.



70.0590, 78.8638, 92.4199



79.3032, 90.6506, 107.9253



65.3289, 69.4037, 90.8432



16.1656, 17.7654, 20.2986



23.5777, 33.3796, 50.3281



1.9848, 2.8236, 4.1946

Inverse Universe

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



71.7580, 66.9468, 88.5007



81.6962, 73.9625, 102.3832



72.2284, 74.8658, 67.1451



16.4130, 16.0149, 19.7313



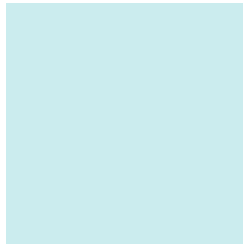
27.2265, 13.1630, 40.7050



2.2768, 1.0998, 3.4484

Previews

White Background



This preview shows how the XYZ color 70.0567, 78.8605, 92.4181 looks on a white background.

Color Contrast Check

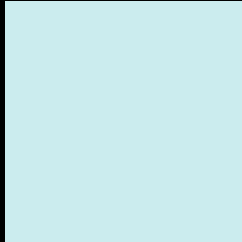
Large Text (above 18pt) WCAG AA × Fail

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 70.0567, 78.8605, 92.4181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

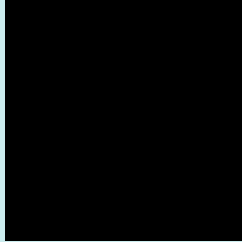
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

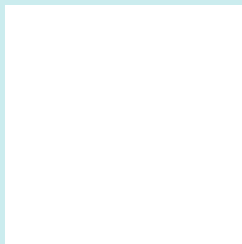
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.0567, 78.8605, 92.4181

Background



This preview shows how black text looks on a background with the XYZ color 70.0567, 78.8605, 92.4181.

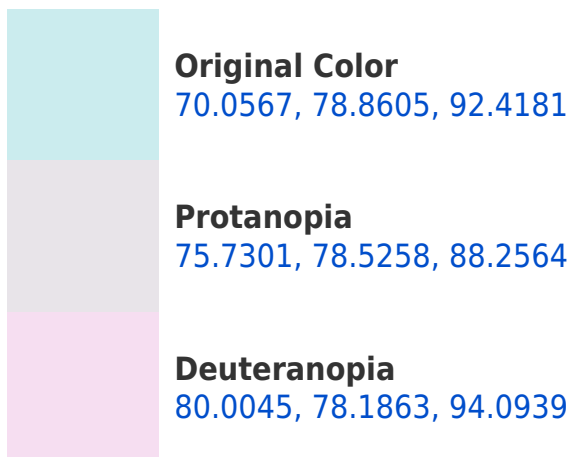


This preview shows how white text looks on a background with the XYZ color 70.0567, 78.8605,

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

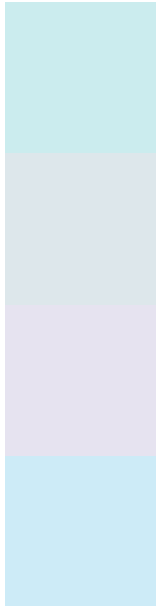




Tritanopia

72.4471, 78.9957, 103.5248

Trichromacy



Original Color

70.0567, 78.8605, 92.4181

Protanomaly

73.3901, 78.5221, 89.8855

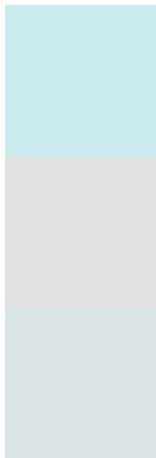
Deuteranomaly

75.8304, 78.0524, 93.5070

Tritanomaly

71.6737, 79.1112, 99.4881

Monochromacy



Original Color

70.0567, 78.8605, 92.4181

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.4932, 77.2122, 85.9983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0567, 78.8605, 92.4181 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(203, 236, 238)` looks like.

```
.text, #text, p{  
    color:rgb(203, 236, 238)  
}
```

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(203, 236, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 236, 238) }
```

Border

The CSS property to change the border of an element to XYZ 70.0567, 78.8605, 92.4181 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(203, 236, 238) }
```


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

```
.border{ border-color:rgb(203, 236, 238) }
```

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

Here you see how a box with a 4 pixel rgb(203, 236, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 236, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 236, 238);  
box-shadow:4px 4px 4px 4px rgb(203, 236,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0567, 78.8605, 92.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 236, 238) }
```

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

```
.background{ background-color: rgb(203,  
236, 238) }
```

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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