

Converting Colors

XYZ(70.1010, 81.5201, 96.2429)

Have a look what the booklet for
XYZ(70.1010, 81.5201, 96.2429)
contains.

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Color

**XYZ(70.0273, 81.3844,
96.0223)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F2F2
RGB	194, 242, 242
RGB Percent	76%, 95%, 95%
CMY	0.2392, 0.0510, 0.0510
CMYK	0.20, 0.00, 0.00, 0.05
HSL	180°, 65%, 85%
HSV	180°, 20%, 95%
XYZ	70.0273, 81.3844, 96.0223
YIQ	227.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

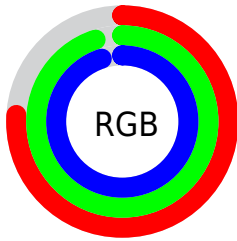
Format	Color
RYB	194, 218, 242
Decimal	12776178
CIELab	92.30, -15.23, -5.07
CIElCh	92, 16.049, 198.397
Yxy	81.3844, 0.2830, 0.3289
Android (android.graphics.Color)	4290966258 (0xFFC2F2F2)
YUV	227.6480, 7.0755, -29.5093
Hunter-Lab	90.2133, -19.3142, 0.0415

Details

The XYZ color **70.0273, 81.3844, 96.0223** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.6503, 61.3582, 59.4256**, and the grayscale version is **73.4525, 77.2778, 84.1555**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **37.0693, 44.1519, 53.0228** is the 20% darker color. If you saturate the color by 10%, you get **64.3154, 78.4420, 95.7555**, and if you desaturate by 10%, it is **76.7553, 84.8549, 96.3402**.

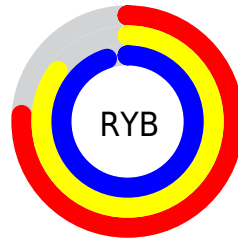
Distribution



Red (76%)

Green (95%)

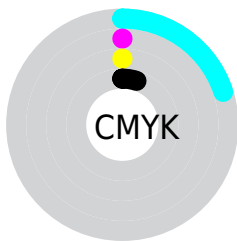
Blue (95%)



Red (76%)

Yellow (85%)

Blue (95%)

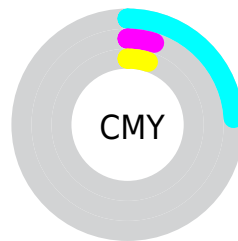


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0273, 81.3844, 96.0223 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 70.0273, 81.3844, 96.0223 by changing the saturation by 10% instead.

70.0273, 81.3844,
96.0223

70.0273, 81.3844,
96.0223

449.9108,
499.5862, 568.5003

51.8285, 60.8582,
72.3845

118.2737,
135.3104, 157.6839

37.0921, 44.1108,
52.9841

149.0521,
169.4790, 196.5448

25.4528, 30.7576,
37.4024

184.7543,
208.9639, 241.3172

16.5453, 20.4143,
25.2210

225.7457,
254.1494, 292.4197

10.0041, 12.6966,
16.0213

272.3917,
305.4200, 350.2707

5.4640, 7.2199,
9.3847

325.0576,

2.5595, 3.6000,

363.1601, 415.2887

4.8927

384.1089,
427.7540, 487.8924

■ 0.9254, 1.4524,
2.1268

■ 0.0000, 0.2549,
0.6317

■ 70.0273, 81.3844,
96.0223

■ 70.0273, 81.3844,
96.0223

■ 64.3154, 78.4420,
95.7555

■ 76.7553, 84.8549,
96.3402

■ 59.5637, 75.9924,
95.5318


■ 84.5380, 88.8670,
96.7056


■ 55.7216, 74.0118,
95.3507


■ 89.0216, 91.1783,
96.9167


■ 52.7310, 72.4701,
95.2095


■ 89.0218, 91.1784,
96.9180


 50.5273, 71.3340,
95.1051


 89.0220, 91.1785,
96.9193


 49.0364, 70.5655,
95.0341


 89.0223, 91.1786,
96.9206


 48.1702, 70.1190,
94.9923

 89.0225, 91.1787,
96.9218

 47.7839, 69.9198,
94.9730

 89.0228, 91.1788,
96.9231

 47.7789, 69.9173,
94.9727

 89.0230, 91.1789,
96.9244

Harmonies

Analogous

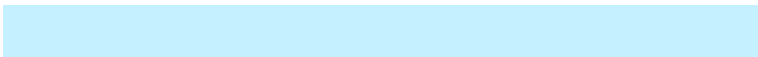
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.7985, 81.3844, 84.0972



70.0273, 81.3844, 96.0223



72.1762, 81.3844, 106.8210

Triad

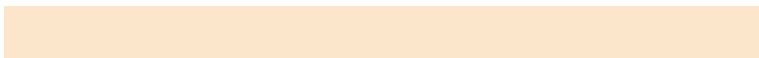
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0273, 81.3844, 96.0223



83.4739, 81.3844, 104.6668



78.9692, 81.3844, 68.0633

Complementary

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



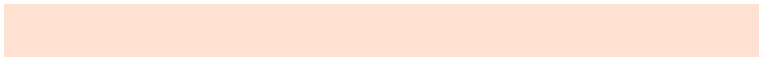
70.0273, 81.3844, 96.0223



65.6503, 61.3582, 59.4256

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.



82.7725, 81.3844, 72.6028



70.0273, 81.3844, 96.0223



85.4347, 81.3844, 93.2892

Square

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



70.0273, 81.3844, 96.0223



79.8988, 81.3844, 112.1112



85.1735, 81.3844, 81.5965



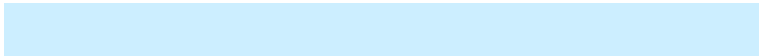
74.8627, 81.3844, 68.6528

Rectangle

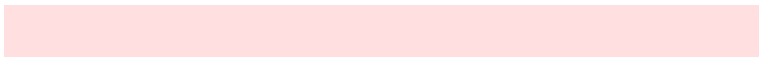
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



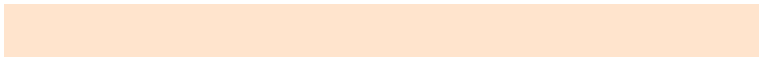
70.0273, 81.3844, 96.0223



74.4531, 81.3844, 111.6006



85.1735, 81.3844, 81.5965



80.3281, 81.3844, 69.0223

Sweetspot

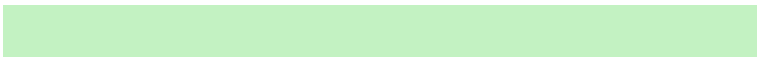
The Sweet Spot groups the original color and five complimentary colors.



70.0297, 81.3877, 96.0241



89.6432, 97.2127, 108.6461



63.9462, 78.9781, 62.9145



19.0671, 20.7455, 23.2491



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.



70.0297, 81.3877, 96.0241



76.0062, 90.1826, 108.0053



63.5569, 68.4415, 93.8689



16.2474, 17.9290, 20.3257



25.6661, 37.5585, 51.0179



2.1352, 3.1245, 4.2443

Inverse Universe

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



65.6503, 61.3582, 59.4256



70.2029, 63.6408, 59.5075



71.2229, 72.5041, 61.2814



15.7729, 15.7589, 16.3604



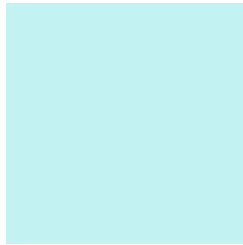
19.6715, 10.1410, 0.9210



1.6365, 0.8436, 0.0767

Previews

White Background



This preview shows how the XYZ color 70.0273, 81.3844, 96.0223 looks on a white background.

Color Contrast Check

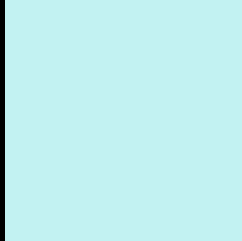
Large Text (above 18pt) WCAG AA × Fail

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 70.0273, 81.3844, 96.0223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

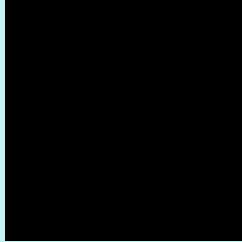
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0273, 81.3844, 96.0223

Background



This preview shows how black text looks on a background with the XYZ color 70.0273, 81.3844, 96.0223.

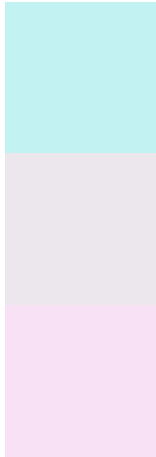


This preview shows how white text looks on a background with the XYZ color 70.0273, 81.3844,

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

70.0273, 81.3844, 96.0223

Protanopia

77.9772, 80.8701, 90.8565

Deuteranopia

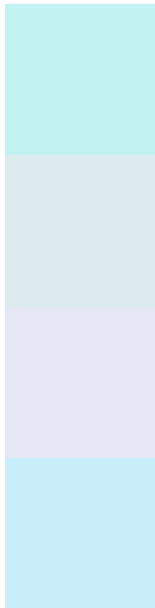
82.4736, 80.5827, 97.5934



Tritanopia

73.2531, 81.0656, 106.3941

Trichromacy



Original Color

70.0273, 81.3844, 96.0223

Protanomaly

74.6561, 80.8054, 92.5511

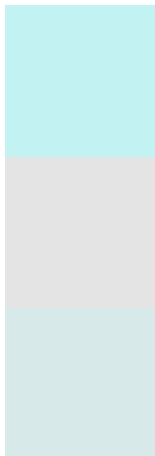
Deuteranomaly

77.2181, 80.3415, 97.0256

Tritanomaly

71.9412, 80.9145, 102.2688

Monochromacy



Original Color

70.0273, 81.3844, 96.0223

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.1658, 78.7599, 88.4894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0273, 81.3844, 96.0223 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(194, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(194, 242, 242)  
}
```

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(194, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 242, 242) }
```

Border

The CSS property to change the border of an element to XYZ 70.0273, 81.3844, 96.0223 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(194, 242, 242) }
```


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

```
.border{ border-color:rgb(194, 242, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 242, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(194, 242,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0273, 81.3844, 96.0223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 242, 242) }
```

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

```
.background{ background-color: rgb(194,  
242, 242) }
```

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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