

Converting Colors

XYZ(69.1433, 79.6294, 95.9498)

Have a look what the booklet for
XYZ(69.1433, 79.6294, 95.9498)
contains.

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Color

**XYZ(69.1416, 79.6131,
95.7271)**

Conversions

Conversions Part 1

Format	Color
Hex	C2EFF2
RGB	194, 239, 242
RGB Percent	76%, 94%, 95%
CMY	0.2392, 0.0627, 0.0510
CMYK	0.20, 0.01, 0.00, 0.05
HSL	184°, 65%, 85%
HSV	184°, 20%, 95%
XYZ	69.1416, 79.6131, 95.7271
YIQ	225.8870, -27.7830, -8.6070

Conversions

Conversions Part 2

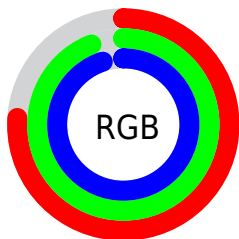
Format	Color
RYB	194, 217, 242
Decimal	12775410
CIELab	91.51, -13.73, -6.23
CIELCh	92, 15.078, 204.418
Yxy	79.6131, 0.2828, 0.3256
Android (android.graphics.Color)	4290965490 (0xFFC2EFF2)
YUV	225.8870, 7.9437, -27.9649
Hunter-Lab	89.2262, -17.8257, -1.1515

Details

The XYZ color **69.1416, 79.6131, 95.7271** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.3225, 62.7049, 59.6481**, and the grayscale version is **72.1677, 75.9261, 82.6835**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **36.4439, 42.9011, 52.8143** is the 20% darker color. If you saturate the color by 10%, you get **62.9895, 75.7897, 95.3146**, and if you desaturate by 10%, it is **76.3135, 83.9718, 96.1917**.

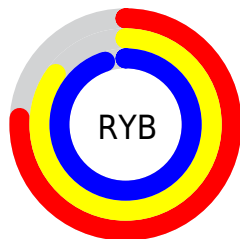
Distribution



Red (76%)

Green (94%)

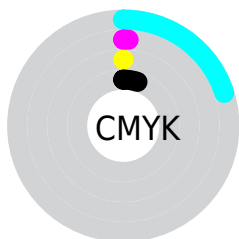
Blue (95%)



Red (76%)

Yellow (85%)

Blue (95%)

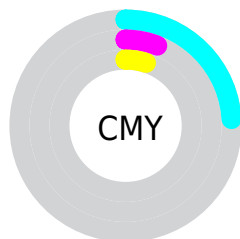


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1416, 79.6131, 95.7271 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 69.1416, 79.6131, 95.7271 by changing the saturation by 10% instead.

69.1416, 79.6131,
95.7271

69.1416, 79.6131,
95.7271

446.8438,
493.6280, 567.5338

51.1041, 59.4000,
72.1401

117.0168,
132.8216, 157.2729

36.5128, 42.9352,
52.7856

147.5851,
166.5859, 196.0688

25.0025, 29.8343,
37.2451

183.0612,
205.6360, 240.7714

16.2076, 19.7128,
25.1000

223.8102,
250.3563, 291.7993

9.7630, 12.1865,
15.9319

270.1977,
301.1313, 349.5709

5.3031, 6.8708,
9.3221

322.5888,

2.4628, 3.3814,

358.3453, 414.5048

4.8522

381.3491,
422.3827, 487.0196

■ 0.8765, 1.3340,
2.1036

■ 0.0000, 0.1673,
0.6179

■ 69.1416, 79.6131,
95.7271

■ 69.1416, 79.6131,
95.7271

■ 62.9895, 75.7897,
95.3146

■ 76.3135, 83.9718,
96.1917

■ 57.8012, 72.4665,
94.9467

■ 84.5437, 88.8796,
96.7052


■ 53.5262, 69.6197,
94.6225


■ 89.4790, 92.0943,
97.0656


■ 50.1064, 67.2191,
94.3394

■ 89.9344, 93.0051,
97.2174


 47.4771, 65.2315,
94.0943


 90.3935, 93.9233,
97.3704


 45.5642, 63.6187,
93.8838


 90.8563, 94.8490,
97.5247


 44.2797, 62.3352,
93.7038

 91.3229, 95.7822,
97.6803

 43.4787, 61.3064,
93.5474

 91.7933, 96.7230,
97.8371

 43.4669, 61.2901,
93.5449

 92.2674, 97.6712,
97.9951

Harmonies

Analogous

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



68.5542, 79.6131, 84.6437



69.1416, 79.6131, 95.7271



71.4529, 79.6131, 105.0521

Triad

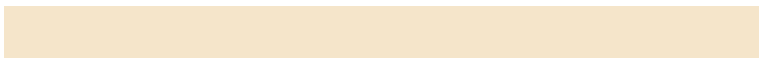
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1416, 79.6131, 95.7271



81.8373, 79.6131, 99.5855



76.3906, 79.6131, 67.2903

Complementary

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



69.1416, 79.6131, 95.7271



66.3225, 62.7049, 59.6481

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.



80.0496, 79.6131, 70.5943



69.1416, 79.6131, 95.7271



83.2617, 79.6131, 88.7591

Square

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



69.1416, 79.6131, 95.7271



78.7645, 79.6131, 107.4085



82.5966, 79.6131, 78.2313



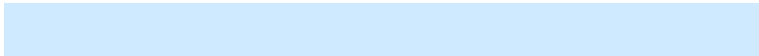
72.6574, 79.6131, 68.8151

Rectangle

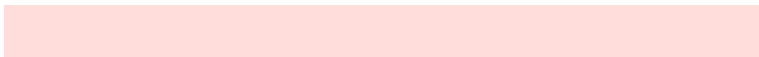
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



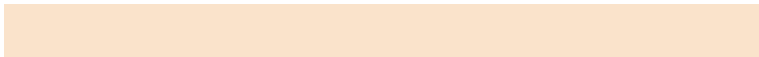
69.1416, 79.6131, 95.7271



73.7031, 79.6131, 108.6994



82.5966, 79.6131, 78.2313



77.6713, 79.6131, 67.8639

Sweetspot

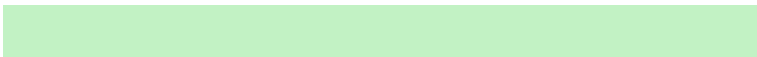
The Sweet Spot groups the original color and five complimentary colors.



69.1439, 79.6164, 95.7289



89.3394, 96.6048, 108.5456



64.0111, 78.9788, 64.3357



18.9950, 20.6013, 23.2253



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.



69.1439, 79.6164, 95.7289



74.7999, 87.7691, 107.6065



62.7301, 66.7886, 93.5909



16.1579, 17.7500, 20.2961



23.3884, 33.0011, 50.2650



1.9711, 2.7962, 4.1900

Inverse Universe

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



71.4915, 63.6945, 90.1913



77.9281, 66.7309, 100.1879



72.0552, 74.1704, 61.5590



16.4092, 16.0134, 19.7108



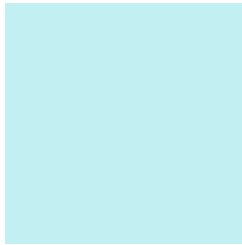
27.1310, 13.1248, 40.2021



2.2699, 1.0970, 3.4119

Previews

White Background



This preview shows how the XYZ color 69.1416, 79.6131, 95.7271 looks on a white background.

Color Contrast Check

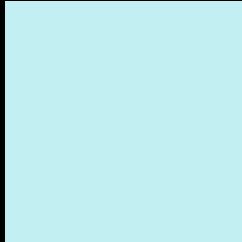
Large Text (above 18pt) WCAG AA × Fail

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 69.1416, 79.6131, 95.7271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

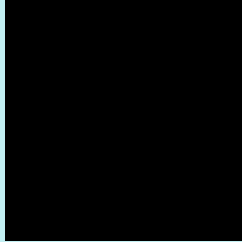
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1416, 79.6131, 95.7271

Background



This preview shows how black text looks on a background with the XYZ color 69.1416, 79.6131, 95.7271.



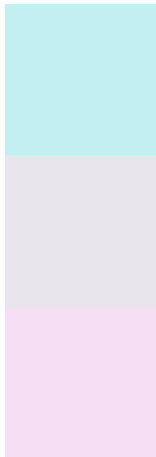
This preview shows how white text looks on a background with the XYZ color 69.1416, 79.6131,

95.7271.

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

69.1416, 79.6131, 95.7271

Protanopia

76.4383, 79.2506, 90.6250

Deuteranopia

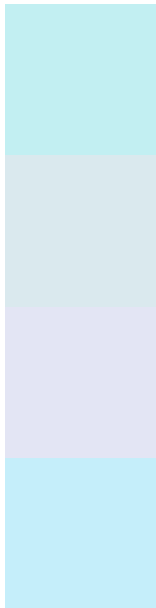
80.8751, 78.9608, 97.3646



Tritanopia

71.6229, 79.7941, 106.2346

Trichromacy



Original Color

69.1416, 79.6131, 95.7271

Protanomaly

73.4850, 79.3563, 92.3331

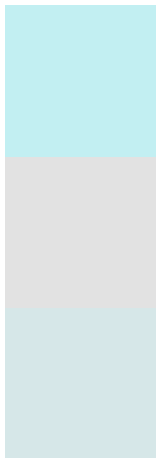
Deuteranomaly

76.0270, 78.9012, 96.8103

Tritanomaly

70.8558, 79.9215, 102.1344

Monochromacy



Original Color

69.1416, 79.6131, 95.7271

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.8730, 77.2742, 87.5239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1416, 79.6131, 95.7271 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, 239, 242)` looks like.

```
.text, #text, p{  
    color:rgb(194, 239, 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, 239, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 239, 242) }
```

Border

The CSS property to change the border of an element to XYZ 69.1416, 79.6131, 95.7271 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, 239, 242) }
```


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

```
.border{ border-color:rgb(194, 239, 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, 239, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 239, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 239, 242);  
box-shadow:4px 4px 4px 4px rgb(194, 239,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1416, 79.6131, 95.7271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 239, 242) }
```

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

```
.background{ background-color: rgb(194,  
239, 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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