

Converting Colors

XYZ(69.4353, 76.1859,
103.1412)

Have a look what the booklet for
XYZ(69.4353, 76.1859, 103.1412)
contains.

XYZ(69.4353, 76.1859, 103.1412)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.4353, 76.1859,
103.1412)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E7FC
RGB	198, 231, 252
RGB Percent	78%, 91%, 99%
CMY	0.2235, 0.0941, 0.0118
CMYK	0.21, 0.08, 0.00, 0.01
HSL	203°, 90%, 88%
HSV	203°, 21%, 99%
XYZ	69.4353, 76.1859, 103.1412
YIQ	223.5270, -26.4090, -0.4650

Conversions

Conversions Part 2

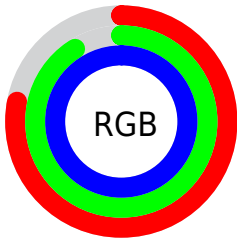
Format	Color
R _{YB}	198, 218, 252
Decimal	13035516
CIE _{Lab}	89.95, -6.35, -13.76
CIE _{LCh}	90, 15.149, 245.235
Yxy	76.1859, 0.2791, 0.3063
Android (android.graphics.Color)	4291225596 (0xFFC6E7FC)
YUV	223.5270, 14.0372, -22.3872
Hunter-Lab	87.2845, -10.7503, -8.9618

Details

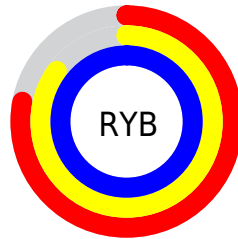
The XYZ color **69.4353, 76.1859, 103.1412** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.6702, 75.4358, 64.0000**, and the grayscale version is **70.4326, 74.1006, 80.6955**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5080, 40.4397, 57.5112** is the 20% darker color. If you saturate the color by 10%, you get **60.6718, 67.7119, 101.9687**, and if you desaturate by 10%, it is **79.4621, 85.5429, 104.4201**.

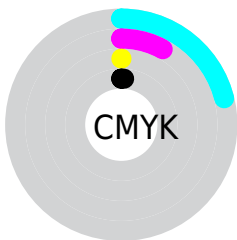
Distribution



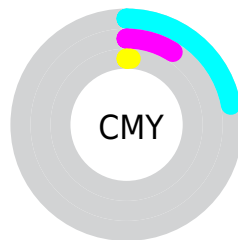
- Red (78%)
- Green (91%)
- Blue (99%)



- Red (78%)
- Yellow (85%)
- Blue (99%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (22%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4353, 76.1859, 103.1412 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 69.4353, 76.1859, 103.1412 by changing the saturation by 10% instead.

■ 69.4353, 76.1859,
103.1412

■ 69.4353, 76.1859,
103.1412

447.8621,
481.9838, 591.5499

■ 51.3442, 56.5850,
78.2950

117.4338,
127.9897, 167.5567

■ 36.7048, 40.6721,
57.7985

148.0719,
160.9613, 207.9630

■ 25.1516, 28.0630,
41.2330

183.6230,
199.1585, 254.3932

■ 16.3194, 18.3731,
28.1801

224.4526,
242.9659, 307.2657

■ 9.8427, 11.2182,
18.2213

270.9260,
292.7677, 366.9990

■ 5.3563, 6.2138,
10.9379

323.4084,

■ 2.4947, 2.9755,

348.9483, 434.0118

5.9114

382.2654,
411.8923, 508.7226

■ 0.8926, 1.1190,
2.7234

■ 0.0000, 0.0000,
0.9552

■ 69.4353, 76.1859,
103.1412

■ 69.4353, 76.1859,
103.1412

■ 60.6718, 67.7119,
101.9687

■ 79.4621, 85.5429,
104.4201

■ 53.1074, 60.0784,
100.8940

■ 90.7984, 95.8047,
105.8033

■ 46.6828, 53.2529,
99.9151

■ 94.5709, 99.8084,
106.3773

■ 41.3301, 47.1967,
99.0283

■ 36.9738, 41.8666,
98.2291

■ 33.5271, 37.2139,
97.5127

■ 30.8864, 33.1810,
96.8734

■ 29.1288, 30.1442,
96.3799

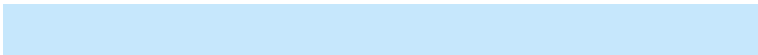
Harmonies

Analogous

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



66.6842, 76.1859, 95.4395



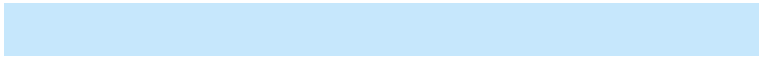
69.4353, 76.1859, 103.1412



73.0719, 76.1859, 105.2507

Triad

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



69.4353, 76.1859, 103.1412



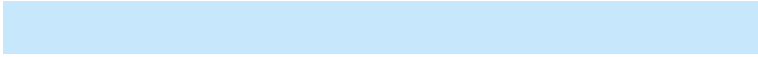
79.8286, 76.1859, 81.0847



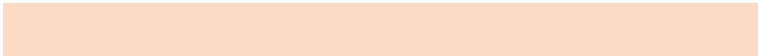
68.3338, 76.1859, 67.2117

Complementary

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



69.4353, 76.1859, 103.1412



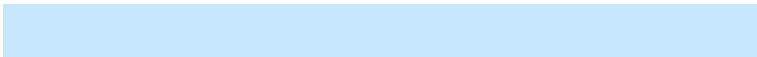
75.6702, 75.4358, 64.0000

Split Complementary

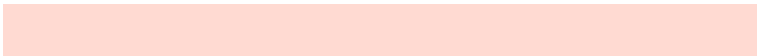
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7569, 76.1859, 64.0512



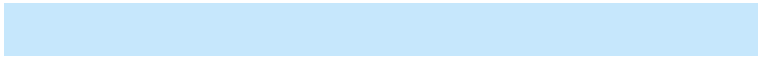
69.4353, 76.1859, 103.1412



78.4597, 76.1859, 71.6069

Square

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



69.4353, 76.1859, 103.1412



79.1553, 76.1859, 91.9032



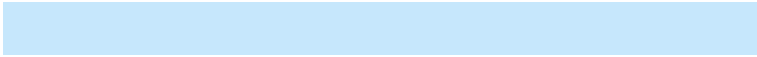
75.4734, 76.1859, 65.5884



66.0638, 76.1859, 74.6046

Rectangle

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



69.4353, 76.1859, 103.1412



75.5284, 76.1859, 103.0586



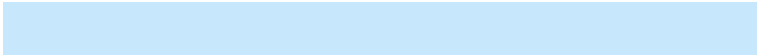
75.4734, 76.1859, 65.5884



69.3833, 76.1859, 65.6495

Sweetspot

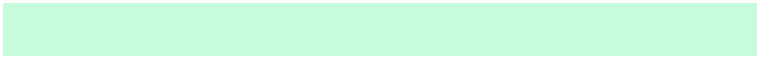
The Sweet Spot groups the original color and five complimentary colors.



69.4376, 76.1890, 103.1429



87.7748, 93.4756, 108.0241



70.8473, 86.7267, 79.8184



18.6244, 19.8600, 23.1017



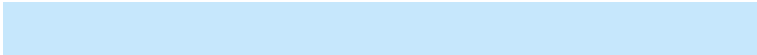
0.0000, 0.0000, 0.0000



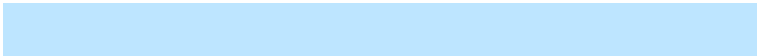
20.3446, 21.4041, 23.3091

Same Dimension

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



69.4376, 76.1890, 103.1429



67.0422, 74.1610, 105.3887



62.5252, 62.3642, 100.8388



17.1661, 18.4090, 22.0338



15.3208, 15.9972, 50.2538



1.5219, 1.6874, 4.6887

Inverse Universe

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



74.7646, 66.8549, 84.5686



73.5467, 63.1957, 82.6116



83.2039, 90.5033, 66.5113



17.6904, 17.4035, 20.2253



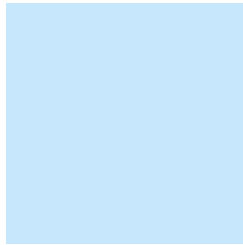
24.0253, 12.0258, 17.3733



2.2771, 1.1346, 1.8826

Previews

White Background



This preview shows how the XYZ color 69.4353, 76.1859, 103.1412 looks on a white background.

Color Contrast Check

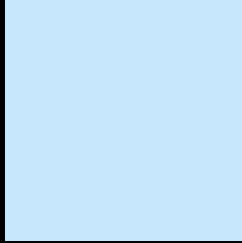
Large Text (above 18pt) WCAG AA × Fail

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 69.4353, 76.1859, 103.1412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

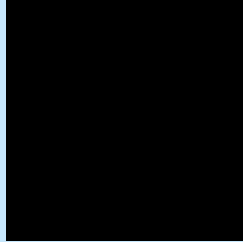
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

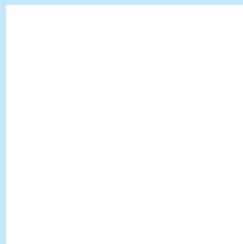
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4353, 76.1859, 103.1412

Background



This preview shows how black text looks on a background with the XYZ color 69.4353, 76.1859, 103.1412.



This preview shows how white text looks on a background with the XYZ color 69.4353, 76.1859,

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

69.4353, 76.1859, 103.1412

Protanopia

74.0304, 75.7766, 99.5315

Deuteranopia

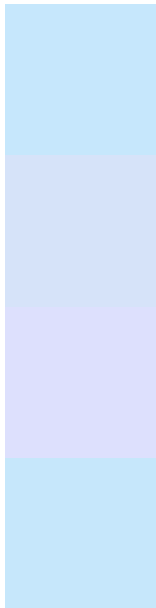
77.4143, 75.8346, 104.3233



Tritanopia

69.1199, 76.0597, 101.4805

Trichromacy



Original Color

69.4353, 76.1859, 103.1412

Protanomaly

72.2995, 76.0739, 100.4957

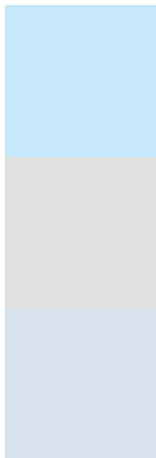
Deuteranomaly

74.2041, 75.7753, 103.6436

Tritanomaly

69.2772, 76.1226, 102.3086

Monochromacy



Original Color

69.4353, 76.1859, 103.1412

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.3447, 75.3258, 88.6737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4353, 76.1859, 103.1412 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(198, 231, 252)` looks like.

```
.text, #text, p{  
    color:rgb(198, 231, 252)  
}
```

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(198, 231, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 231, 252) }
```

Border

The CSS property to change the border of an element to XYZ 69.4353, 76.1859, 103.1412 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(198, 231, 252) }
```


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

```
.border{ border-color:rgb(198, 231, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 231, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 231, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 231, 252);  
box-shadow:4px 4px 4px 4px rgb(198, 231,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4353, 76.1859, 103.1412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 231, 252) }
```

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

```
.background{ background-color: rgb(198,  
231, 252) }
```

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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