

Converting Colors

XYZ(73.8118, 81.1353,
102.9711)

Have a look what the booklet for
XYZ(73.8118, 81.1353, 102.9711)
contains.

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Color

**XYZ(73.7092, 80.9433,
103.0055)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EDFB
RGB	208, 237, 251
RGB Percent	82%, 93%, 98%
CMY	0.1843, 0.0706, 0.0157
CMYK	0.17, 0.06, 0.00, 0.02
HSL	200°, 84%, 90%
HSV	200°, 17%, 98%
XYZ	73.7092, 80.9433, 103.0055
YIQ	229.9250, -21.7780, -1.7940

Conversions

Conversions Part 2

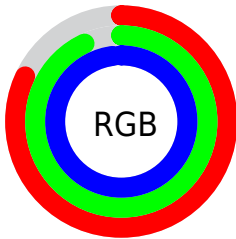
Format	Color
R _{YB}	208, 225, 251
Decimal	13692411
CIE _{Lab}	92.11, -6.60, -9.94
CIE _{LCh}	92, 11.937, 236.411
Y _{xy}	80.9433, 0.2861, 0.3142
Android (android.graphics.Color)	4291882491 (0xFFD0EDFB)
YUV	229.9250, 10.3900, -19.2282
Hunter-Lab	89.9685, -11.2038, -4.9036

Details

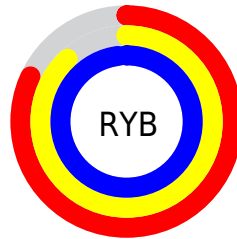
The XYZ color **73.7092, 80.9433, 103.0055** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.2908, 77.3058, 70.5240**, and the grayscale version is **75.0974, 79.0083, 86.0401**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3983, 43.7151, 57.4003** is the 20% darker color. If you saturate the color by 10%, you get **64.8916, 72.9676, 101.9321**, and if you desaturate by 10%, it is **83.7561, 89.7170, 104.1708**.

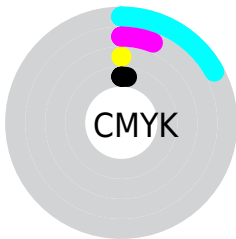
Distribution



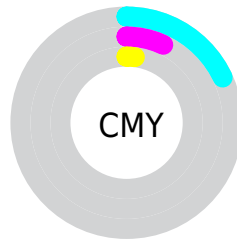
- Red (82%)
- Green (93%)
- Blue (98%)



- Red (82%)
- Yellow (88%)
- Blue (98%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7092, 80.9433, 103.0055 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 73.7092, 80.9433, 103.0055 by changing the saturation by 10% instead.

■ 73.7092, 80.9433,
103.0055

■ 73.7092, 80.9433,
103.0055

462.5349,
498.1062, 591.1150

■ 54.8465, 60.4949,
78.1821

123.4812,
134.6912, 167.3691

■ 39.5122, 43.8177,
57.7062

155.1212,
168.7594, 207.7464

■ 27.3409, 30.5272,
41.1594

191.7511,
208.1364, 254.1454

■ 17.9673, 20.2391,
28.1230

233.7361,
253.2065, 306.9847

■ 11.0261, 12.5690,
18.1786

281.4416,
304.3541, 366.6827

■ 6.1518, 7.1324,
10.9075

335.2330,

■ 2.9791, 3.5450,

361.9637, 433.6581

5.8913

395.4757,
426.4196, 508.3293

■ 1.1427, 1.4225,
2.7114

■ 0.0604, 0.2332,
0.9491

■ 73.7092, 80.9433,
103.0055

■ 73.7092, 80.9433,
103.0055

■ 64.8916, 72.9676,
101.9321

■ 83.7561, 89.7170,
104.1708

■ 57.2424, 65.7500,
100.9421

■ 93.8873, 98.6941,
105.3696

■ 50.7059, 59.2617,
100.0342

■ 94.4128, 99.7451,
105.5447

■ 45.2187, 53.4681,
99.2052

■ 40.7108, 48.3305,
98.4511

■ 37.1027, 43.8059,
97.7679

■ 34.3013, 39.8439,
97.1508

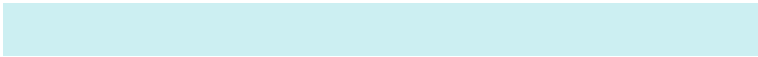
■ 32.1875, 36.3806,
96.5938

■ 31.6563, 35.4521,
96.4425

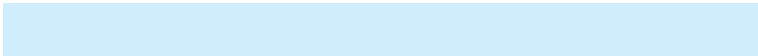
Harmonies

Analogous

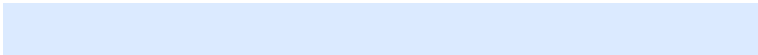
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.7592, 80.9433, 95.8822



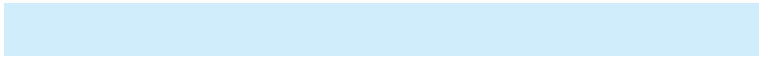
73.7092, 80.9433, 103.0055



76.5646, 80.9433, 106.1371

Triad

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



73.7092, 80.9433, 103.0055



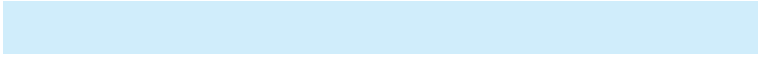
82.9874, 80.9433, 89.1979



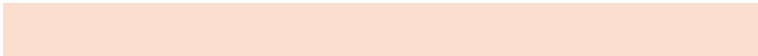
74.3340, 80.9433, 73.8206

Complementary

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



73.7092, 80.9433, 103.0055



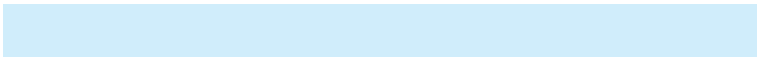
77.2908, 77.3058, 70.5240

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.



77.3049, 80.9433, 72.2904



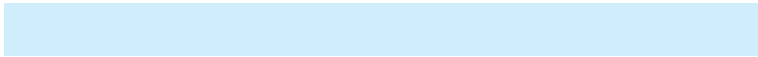
73.7092, 80.9433, 103.0055



82.3522, 80.9433, 80.8139

Square

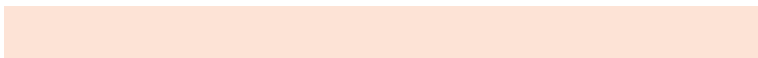
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7092, 80.9433, 103.0055



81.9655, 80.9433, 97.8376



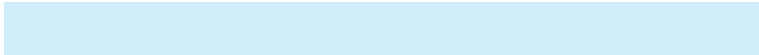
80.2519, 80.9433, 74.7666



72.1131, 80.9433, 79.0933

Rectangle

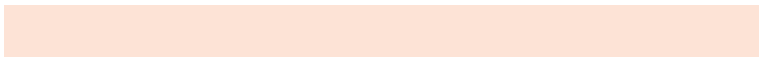
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7092, 80.9433, 103.0055



78.6168, 80.9433, 105.3956



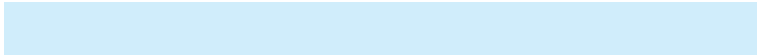
80.2519, 80.9433, 74.7666



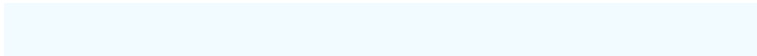
75.2758, 80.9433, 72.8673

Sweetspot

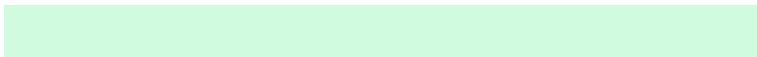
The Sweet Spot groups the original color and five complimentary colors.



73.7116, 80.9466, 103.0073



89.2041, 95.0420, 108.2511



73.6446, 87.6591, 81.8782



18.9232, 20.1975, 23.1511



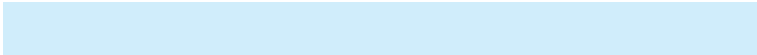
0.0000, 0.0000, 0.0000



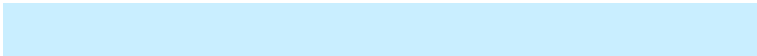
20.3446, 21.4041, 23.3091

Same Dimension

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



73.7116, 80.9466, 103.0073



72.7077, 80.5983, 106.3327



67.9526, 69.4286, 101.0876



17.2617, 18.6003, 22.0657



16.7779, 18.9113, 50.7395



1.6503, 1.9443, 4.7315

Inverse Universe

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



77.6275, 71.7372, 89.8798



77.6010, 69.3911, 89.8611



83.2557, 89.2358, 72.5123



17.7387, 17.4228, 20.4795



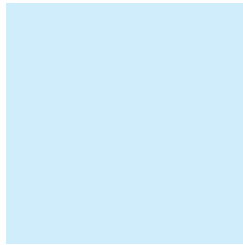
24.7607, 12.3200, 21.2462



2.3419, 1.1605, 2.2240

Previews

White Background



This preview shows how the XYZ color 73.7092, 80.9433, 103.0055 looks on a white background.

Color Contrast Check

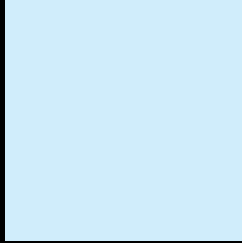
Large Text (above 18pt) WCAG AA × Fail

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 73.7092, 80.9433, 103.0055 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 73.7092, 80.9433, 103.0055

Background



This preview shows how black text looks on a background with the XYZ color 73.7092, 80.9433, 103.0055.



This preview shows how white text looks on a background with the XYZ color 73.7092, 80.9433,

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

73.7092, 80.9433, 103.0055

Protanopia

78.6431, 81.0230, 99.4898

Deuteranopia

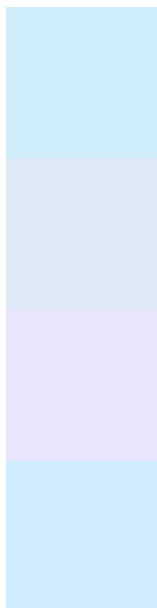
82.5822, 80.8970, 104.1906



Tritanopia

74.3399, 80.7662, 106.2790

Trichromacy



Original Color

73.7092, 80.9433, 103.0055

Protanomaly

76.5136, 80.7431, 100.3592

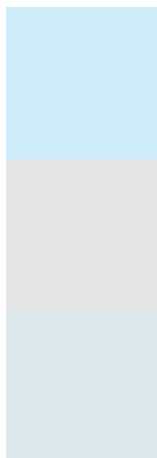
Deuteranomaly

79.1462, 80.7777, 103.5157

Tritanomaly

74.1793, 80.7020, 105.4333

Monochromacy



Original Color

73.7092, 80.9433, 103.0055

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.6957, 79.9805, 92.3898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7092, 80.9433, 103.0055 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(208, 237, 251)` looks like.

```
.text, #text, p{  
    color:rgb(208, 237, 251)  
}
```

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(208, 237, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 237, 251) }
```

Border

The CSS property to change the border of an element to XYZ 73.7092, 80.9433, 103.0055 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(208, 237, 251) }
```


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

```
.border{ border-color:rgb(208, 237, 251) }
```

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

Here you see how a box with a 4 pixel rgb(208, 237, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 237, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 237, 251);  
box-shadow:4px 4px 4px 4px rgb(208, 237,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7092, 80.9433, 103.0055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 237, 251) }
```

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

```
.background{ background-color: rgb(208,  
237, 251) }
```

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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