

Converting Colors

XYZ(65.7623, 76.3034,
102.7770)

Have a look what the booklet for
XYZ(65.7623, 76.3034, 102.7770)
contains.

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Color

**XYZ(65.7681, 76.4209,
102.5512)**

Conversions

Conversions Part 1

Format	Color
Hex	B2ECFB
RGB	178, 236, 251
RGB Percent	70%, 93%, 98%
CMY	0.3019, 0.0745, 0.0157
CMYK	0.29, 0.06, 0.00, 0.02
HSL	192°, 90%, 84%
HSV	192°, 29%, 98%
XYZ	65.7681, 76.4209, 102.5512
YIQ	220.3680, -39.3830, -7.6310

Conversions

Conversions Part 2

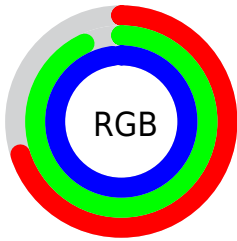
Format	Color
RYB	178, 210, 251
Decimal	11726075
CIELab	90.05, -14.89, -13.19
CIELCh	90, 19.891, 221.548
Yxy	76.4209, 0.2687, 0.3123
Android (android.graphics.Color)	4289916155 (0xFFB2ECFB)
YUV	220.3680, 15.1016, -37.1567
Hunter-Lab	87.4190, -18.6922, -8.3597

Details

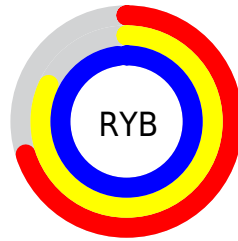
The XYZ color **65.7681, 76.4209, 102.5512** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.8905, 61.8641, 50.5366**, and the grayscale version is **68.2038, 71.7557, 78.1420**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **34.2272, 40.7485, 57.1002** is the 20% darker color. If you saturate the color by 10%, you get **59.0647, 70.7946, 101.8198**, and if you desaturate by 10%, it is **73.5726, 82.6822, 103.3497**.

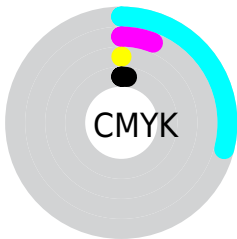
Distribution



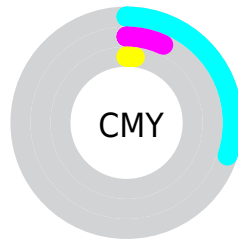
- Red (70%)
- Green (93%)
- Blue (98%)



- Red (70%)
- Yellow (82%)
- Blue (98%)



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (30%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7681, 76.4209, 102.5512 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 65.7681, 76.4209, 102.5512 by changing the saturation by 10% instead.

■ 65.7681, 76.4209,
102.5512

■ 65.7681, 76.4209,
102.5512

435.0488,
482.7873, 589.6578

■ 48.3512, 56.7777,
77.8041

■ 112.2130,
128.3217, 166.7411

■ 34.3175, 40.8268,
57.3976

141.9717,
161.3481, 207.0210

■ 23.3017, 28.1838,
40.9131

176.5750,
199.6043, 253.3156

■ 14.9383, 18.4642,
27.9320

216.3884,
243.4749, 306.0434

■ 8.8621, 11.2838,
18.0358

261.7771,
293.3440, 365.6230

■ 4.7078, 6.2581,
10.8060

313.1065,

■ 2.1098, 3.0026,

349.5962, 432.4729

5.8240

370.7419,
412.6158, 507.0117

■ 0.6945, 1.1331,
2.6713

■ 0.0000, 0.0060,
0.9289

■ 65.7681, 76.4209,
102.5512

■ 65.7681, 76.4209,
102.5512

■ 59.0647, 70.7946,
101.8198

■ 73.5726, 82.6822,
103.3497

■ 53.3977, 65.7639,
101.1475

■ 82.5249, 89.5975,
104.2126

■ 48.7060, 61.2985,
100.5328

■ 92.6771, 97.1960,
105.1442

■ 44.9190, 57.3615,
99.9725

■ 94.4128, 99.7451,
105.5448

■ 41.9562, 53.9110,
99.4627

■ 39.7222, 50.8971,
98.9987

■ 38.0745, 48.2457,
98.5737

■ 37.9364, 48.0123,
98.5360

Harmonies

Analogous

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



63.7362, 76.4209, 88.7651



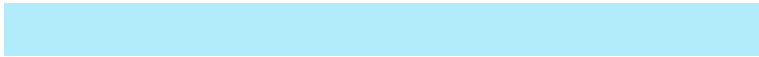
65.7681, 76.4209, 102.5512



69.6758, 76.4209, 111.7186

Triad

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



65.7681, 76.4209, 102.5512



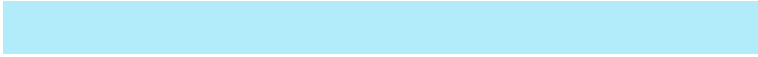
82.0067, 76.4209, 92.1035



70.7540, 76.4209, 59.3384

Complementary

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



65.7681, 76.4209, 102.5512



66.8905, 61.8641, 50.5366

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.



75.6784, 76.4209, 60.0165



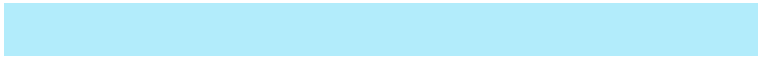
65.7681, 76.4209, 102.5512



82.3275, 76.4209, 77.8905

Square

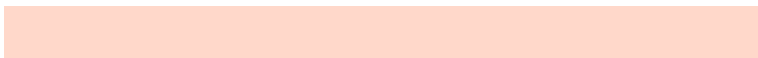
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.7681, 76.4209, 102.5512



79.1080, 76.4209, 105.2320



79.9656, 76.4209, 66.4666



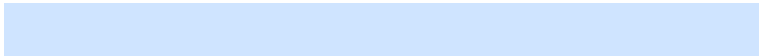
66.5266, 76.4209, 64.4959

Rectangle

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



65.7681, 76.4209, 102.5512



72.8923, 76.4209, 113.4140



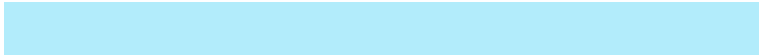
79.9656, 76.4209, 66.4666



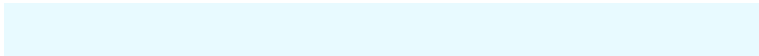
72.3799, 76.4209, 58.9086

Sweetspot

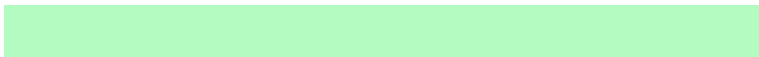
The Sweet Spot groups the original color and five complimentary colors.



65.7704, 76.4240, 102.5530



85.6192, 92.9327, 108.0329



62.4399, 82.2933, 62.8134



18.0202, 19.6585, 23.0947



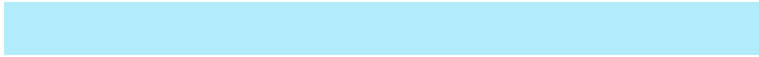
0.0000, 0.0000, 0.0000



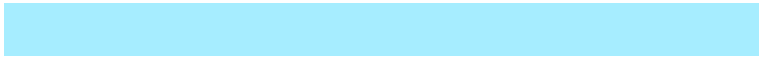
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7704, 76.4240, 102.5530



63.9105, 75.6740, 105.8458



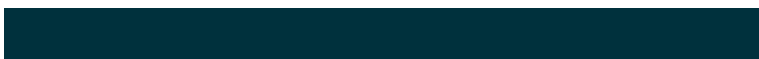
56.4054, 57.6940, 99.4313



17.4453, 18.9674, 22.1269



20.0484, 25.4523, 51.8297



1.9305, 2.5046, 4.8249

Inverse Universe

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



70.8462, 58.4080, 86.9001



70.0678, 54.5364, 86.6973



75.8680, 79.8191, 53.5291



17.8313, 17.4599, 20.9673



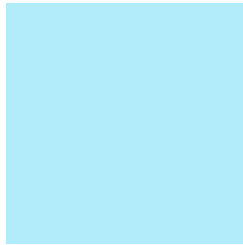
26.4115, 12.9803, 29.9391



2.4833, 1.2171, 2.9686

Previews

White Background



This preview shows how the XYZ color 65.7681, 76.4209, 102.5512 looks on a white background.

Color Contrast Check

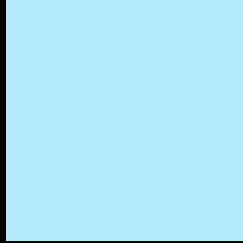
Large Text (above 18pt) WCAG AA × Fail

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 65.7681, 76.4209, 102.5512 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 65.7681, 76.4209, 102.5512

Background



This preview shows how black text looks on a background with the XYZ color 65.7681, 76.4209, 102.5512.

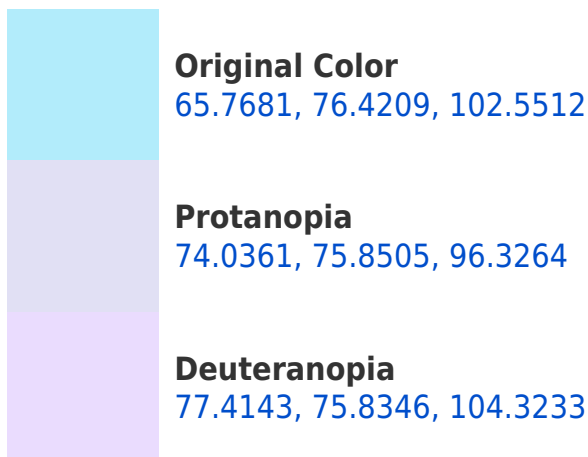


This preview shows how white text looks on a background with the XYZ color 65.7681, 76.4209,

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

66.1881, 76.1561, 104.9770

Trichromacy



Original Color

65.7681, 76.4209, 102.5512

Protanomaly

70.5443, 75.6121, 98.8722

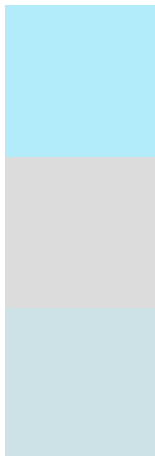
Deuteranomaly

72.6575, 75.7807, 103.7262

Tritanomaly

66.0284, 76.0922, 104.1357

Monochromacy



Original Color

65.7681, 76.4209, 102.5512

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.7970, 73.1414, 86.1984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7681, 76.4209, 102.5512 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(178, 236, 251)` looks like.

```
.text, #text, p{  
    color:rgb(178, 236, 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(178, 236, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 236, 251) }
```

Border

The CSS property to change the border of an element to XYZ 65.7681, 76.4209, 102.5512 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(178, 236, 251) }
```


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

```
.border{ border-color:rgb(178, 236, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 236, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 236, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 236, 251);  
box-shadow:4px 4px 4px 4px rgb(178, 236,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7681, 76.4209, 102.5512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 236, 251) }
```

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

```
.background{ background-color: rgb(178,  
236, 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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