

Converting Colors

XYZ(65.1336, 77.4431, 95.1140)

Have a look what the booklet for
XYZ(65.1336, 77.4431, 95.1140)
contains.

XYZ(65.1038, 77.5489, 94.7562)	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(65.1038, 77.5489,
94.7562)**

Conversions

Conversions Part 1

Format	Color
Hex	B2EFF1
RGB	178, 239, 241
RGB Percent	70%, 94%, 95%
CMY	0.3019, 0.0627, 0.0549
CMYK	0.26, 0.01, 0.00, 0.05
HSL	182°, 69%, 82%
HSV	182°, 26%, 95%
XYZ	65.1038, 77.5489, 94.7562
YIQ	220.9890, -36.9980, -12.3100

Conversions

Conversions Part 2

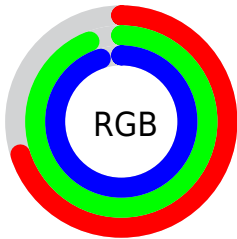
Format	Color
R_{YB}	178, 209, 241
Decimal	11726833
CIE _{Lab}	90.57, -18.62, -7.20
CIE _{LCh}	91, 19.962, 201.139
Yxy	77.5489, 0.2742, 0.3266
Android (android.graphics.Color)	4289916913 (0xFFB2EFF1)
YUV	220.9890, 9.8654, -37.7014
Hunter-Lab	88.0619, -22.1439, -2.1539

Details

The XYZ color **65.1038, 77.5489, 94.7562** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.6336, 54.5580, 49.4561**, and the grayscale version is **68.6729, 72.2493, 78.6795**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **33.8588, 41.5807, 52.1403** is the 20% darker color. If you saturate the color by 10%, you get **59.8300, 74.5008, 94.4471**, and if you desaturate by 10%, it is **71.3545, 81.1059, 95.1146**.

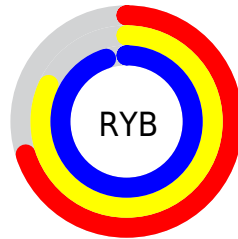
Distribution



Red (70%)

Green (94%)

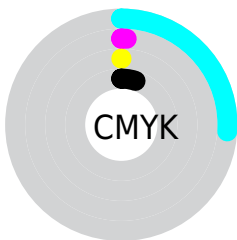
Blue (95%)



Red (70%)

Yellow (82%)

Blue (95%)

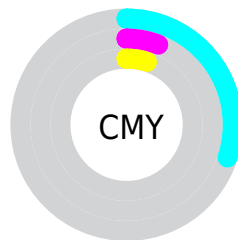


Cyan (26%)

Magenta (1%)

Yellow (0%)

Black (5%)



Cyan (30%)

Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1038, 77.5489, 94.7562 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 65.1038, 77.5489, 94.7562 by changing the saturation by 10% instead.

65.1038, 77.5489,
94.7562

65.1038, 77.5489,
94.7562

432.7042,
486.6335, 564.3486

47.8103, 57.7035,
71.3363

111.2640,
129.9140, 155.9204

33.8873, 41.5703,
52.1332

140.8613,
163.2025, 194.5018

22.9695, 28.7650,
36.7283

175.2906,
201.7408, 238.9742

14.6916, 18.9031,
24.7030

214.9172,
245.9134, 289.7560

8.6881, 11.6003,
15.6389

260.1066,
296.1045, 347.2658

4.5938, 6.4721,
9.1174

311.2239,

2.0432, 3.1342,

352.6986, 411.9221

4.7200

368.6347,
416.0802, 484.1435

■ 0.6581, 1.2022,
2.0281

■ 0.0000, 0.0635,
0.5725

■ 65.1038, 77.5489,
94.7562

■ 65.1038, 77.5489,
94.7562

■ 59.8300, 74.5008,
94.4471

■ 71.3545, 81.1059,
95.1146

■ 55.4755, 71.9260,
94.1796

■ 78.6224, 85.1868,
95.5192

■ 51.9871, 69.7991,
93.9530

■ 86.9537, 89.8174,
95.9739

■ 49.3033, 68.0885,
93.7642

■ 88.8876, 91.1512,
96.1295

47.3548, 66.7583,
93.6102

89.1155, 91.6071,
96.2054

46.0604, 65.7666,
93.4870

89.3444, 92.0649,
96.2817

45.3191, 65.0615,
93.3899

89.5742, 92.5246,
96.3583

45.1190, 64.8341,
93.3566

89.8050, 92.9862,
96.4353

90.0368, 93.4497,
96.5125

Harmonies

Analogous

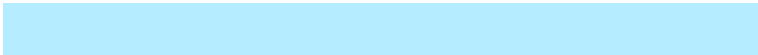
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.6153, 77.5489, 80.2693



65.1038, 77.5489, 94.7562



67.8418, 77.5489, 107.7304

Triad

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



65.1038, 77.5489, 94.7562



81.4463, 77.5489, 102.9079



75.1979, 77.5489, 60.0606

Complementary

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



65.1038, 77.5489, 94.7562



60.6336, 54.5580, 49.4561

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.



79.9028, 77.5489, 64.7703



65.1038, 77.5489, 94.7562



83.6158, 77.5489, 88.7478

Square

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



65.1038, 77.5489, 94.7562



77.2279, 77.5489, 112.7941



83.0385, 77.5489, 74.8966



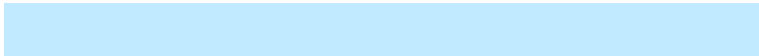
70.2965, 77.5489, 61.2828

Rectangle

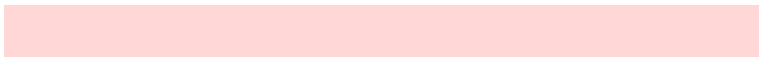
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.1038, 77.5489, 94.7562



70.6450, 77.5489, 113.2488



83.0385, 77.5489, 74.8966



76.8580, 77.5489, 60.9810

Sweetspot

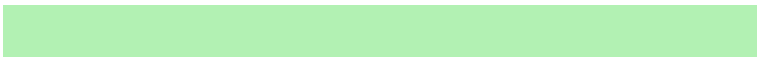
The Sweet Spot groups the original color and five complimentary colors.



65.1061, 77.5520, 94.7580



87.7331, 95.9223, 108.4986



57.9586, 75.6337, 54.2199



18.5026, 20.3768, 23.2079



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

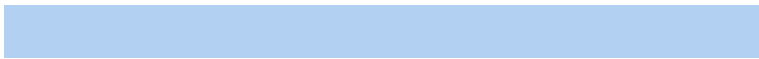
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.1061, 77.5520, 94.7580



70.9090, 86.3759, 107.5427



56.9045, 61.1489, 92.0241



16.2019, 17.8379, 20.3107



24.4865, 35.1973, 50.6311



2.0504, 2.9549, 4.2165

Inverse Universe

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



67.7779, 56.7753, 89.0514



74.4047, 59.3507, 100.0409



67.4956, 68.2819, 51.7434



16.4314, 16.0223, 19.8277



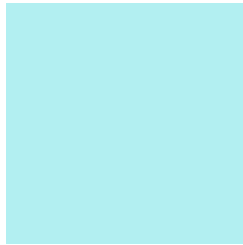
27.6853, 13.3465, 43.1208



2.3099, 1.1130, 3.6229

Previews

White Background



This preview shows how the XYZ color 65.1038, 77.5489, 94.7562 looks on a white background.

Color Contrast Check

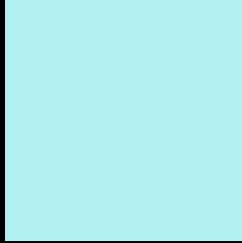
Large Text (above 18pt) WCAG AA × Fail

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 65.1038, 77.5489, 94.7562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

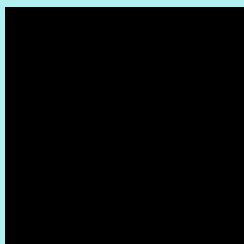
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1038, 77.5489, 94.7562

Background



This preview shows how black text looks on a background with the XYZ color 65.1038, 77.5489, 94.7562.

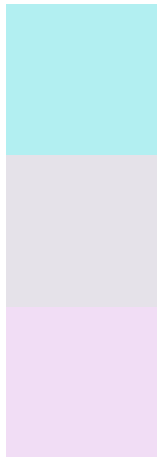


This preview shows how white text looks on a background with the XYZ color 65.1038, 77.5489,

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

65.1038, 77.5489, 94.7562

Protanopia

74.2174, 76.9339, 88.0288

Deuteranopia

78.6135, 77.0062, 97.1065



Tritanopia

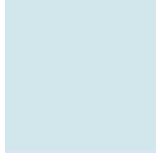
67.5739, 77.2782, 105.9624

Trichromacy



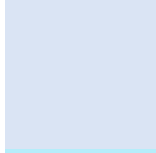
Original Color

65.1038, 77.5489, 94.7562



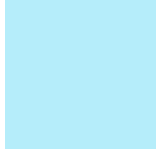
Protanomaly

70.2946, 76.9096, 90.4970



Deuteranomaly

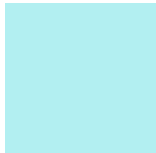
72.9860, 76.9239, 96.5890



Tritanomaly

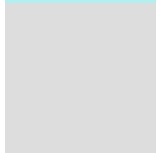
66.5956, 77.2943, 101.8518

Monochromacy



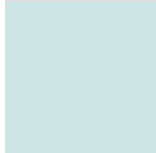
Original Color

65.1038, 77.5489, 94.7562



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

66.9238, 74.0674, 84.1680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1038, 77.5489, 94.7562 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, 239, 241)` looks like.

```
.text, #text, p{  
    color:rgb(178, 239, 241)  
}
```

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, 239, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 239, 241) }
```

Border

The CSS property to change the border of an element to XYZ 65.1038, 77.5489, 94.7562 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, 239, 241) }
```


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

```
.border{ border-color:rgb(178, 239, 241) }
```

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

Here you see how a box with a 4 pixel rgb(178, 239, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 239, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 239, 241);  
box-shadow:4px 4px 4px 4px rgb(178, 239,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1038, 77.5489, 94.7562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 239, 241) }
```

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

```
.background{ background-color: rgb(178,  
239, 241) }
```

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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