

Converting Colors

XYZ(67.4646, 77.2541, 95.6577)

Have a look what the booklet for
XYZ(67.4646, 77.2541, 95.6577)
contains.

XYZ(67.5083, 77.4781, 95.4011)	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(67.5083, 77.4781,
95.4011)**

Conversions

Conversions Part 1

Format	Color
Hex	BFECF2
RGB	191, 236, 242
RGB Percent	75%, 93%, 95%
CMY	0.2510, 0.0745, 0.0510
CMYK	0.21, 0.02, 0.00, 0.05
HSL	187°, 66%, 85%
HSV	187°, 21%, 95%
XYZ	67.5083, 77.4781, 95.4011
YIQ	223.2290, -28.7460, -7.6740

Conversions

Conversions Part 2

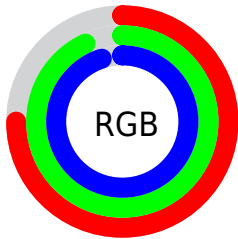
Format	Color
R _Y B	191, 215, 242
Decimal	12578034
CIE Lab	90.54, -13.12, -7.69
CIE LCh	91, 15.205, 210.370
Yxy	77.4781, 0.2808, 0.3223
Android (android.graphics.Color)	4290768114 (0xFFBFECF2)
YUV	223.2290, 9.2541, -28.2648
Hunter-Lab	88.0216, -17.1371, -2.6455

Details

The XYZ color **67.5083, 77.4781, 95.4011** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.9888, 62.5714, 57.8911**, and the grayscale version is **70.2547, 73.9135, 80.4918**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **35.5007, 41.5061, 52.5948** is the 20% darker color. If you saturate the color by 10%, you get **61.1059, 72.9729, 94.8702**, and if you desaturate by 10%, it is **74.9339, 82.5341, 95.9869**.

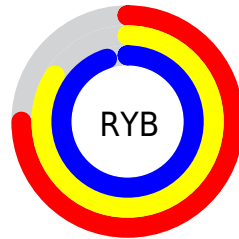
Distribution



Red (75%)

Green (93%)

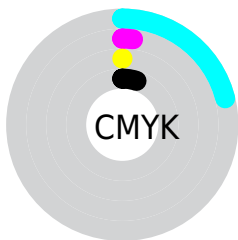
Blue (95%)



Red (75%)

Yellow (84%)

Blue (95%)

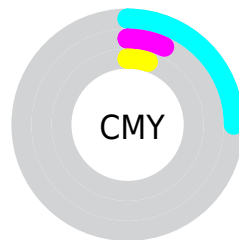


Cyan (21%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5083, 77.4781, 95.4011 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 67.5083, 77.4781, 95.4011 by changing the saturation by 10% instead.

67.5083, 77.4781,
95.4011

67.5083, 77.4781,
95.4011

441.1560,
486.3926, 566.4654

49.7700, 57.6454,
71.8701

114.6942,
129.8141, 156.8190

35.4478, 41.5236,
52.5664

144.8726,
163.0862, 195.5429

24.1761, 28.7284,
37.0714

179.9284,
201.6069, 240.1683

15.5898, 18.8755,
24.9666

220.2270,
245.7605, 291.1137

9.3233, 11.5803,
15.8333

266.1336,
295.9315, 348.7975

5.0115, 6.4586,
9.2532

318.0138,

2.2888, 3.1259,

352.5043, 413.6384

4.8077

376.2328,
415.8631, 486.0548

■ 0.7889, 1.1978,
2.0781

■ 0.0000, 0.0599,
0.6027

■ 67.5083, 77.4781,
95.4011

■ 67.5083, 77.4781,
95.4011

■ 61.1059, 72.9729,
94.8702

■ 74.9339, 82.5341,
95.9869

■ 55.6704, 68.9834,
94.3867

■ 83.4217, 88.1553,
96.6245

■ 51.1504, 65.4852,
93.9497

■ 89.7812, 92.6987,
97.1663

■ 47.4873, 62.4478,
93.5564

■ 90.6466, 94.4295,
97.4548

■ 44.6152, 59.8371,
93.2039

■ 91.5253, 96.1869,
97.7477

■ 42.4586, 57.6143,
92.8885

■ 92.4173, 97.9710,
98.0450

■ 40.9272, 55.7326,
92.6060

■ 93.0273, 99.1909,
98.2484

■ 39.9590, 54.2743,
92.3756

Harmonies

Analogous

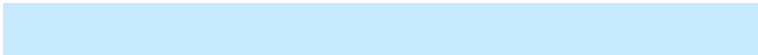
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.5657, 77.4781, 84.4959



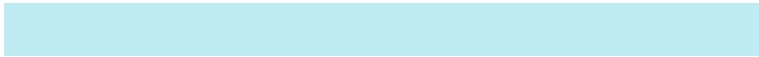
67.5083, 77.4781, 95.4011



70.0832, 77.4781, 103.9112

Triad

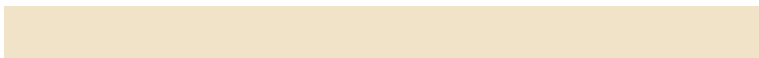
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.5083, 77.4781, 95.4011



80.1835, 77.4781, 95.1469



73.5934, 77.4781, 65.0985

Complementary

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



67.5083, 77.4781, 95.4011



65.9888, 62.5714, 57.8911

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.



77.3164, 77.4781, 67.4300



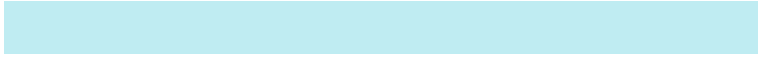
67.5083, 77.4781, 95.4011



81.1999, 77.4781, 84.2252

Square

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



67.5083, 77.4781, 95.4011



77.4010, 77.4781, 103.7558



80.1335, 77.4781, 74.2063



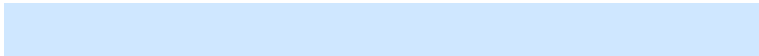
70.0040, 77.4781, 67.5466

Rectangle

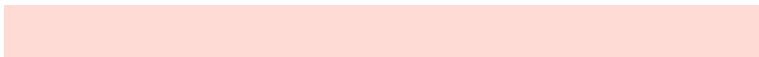
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.5083, 77.4781, 95.4011



72.4238, 77.4781, 106.7451



80.1335, 77.4781, 74.2063



74.8710, 77.4781, 65.3468

Sweetspot

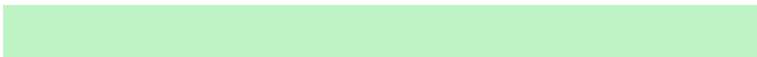
The Sweet Spot groups the original color and five complimentary colors.



67.5106, 77.4813, 95.4029



89.0722, 96.0703, 108.4566



63.3117, 78.6109, 64.6313



18.9316, 20.4745, 23.2041



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.



67.5106, 77.4813, 95.4029



73.0139, 85.1589, 107.1968



60.6969, 63.8539, 93.1316



16.0795, 17.5930, 20.2699



21.5321, 29.2885, 49.6463



1.8357, 2.5255, 4.1449

Inverse Universe

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



70.3909, 62.1966, 87.6557



76.7918, 65.3773, 96.9756



72.2642, 75.1222, 59.9829



16.3695, 15.9975, 19.5022



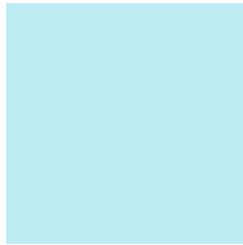
26.1941, 12.7500, 35.2681



2.2015, 1.0697, 3.0522

Previews

White Background



This preview shows how the XYZ color 67.5083, 77.4781, 95.4011 looks on a white background.

Color Contrast Check

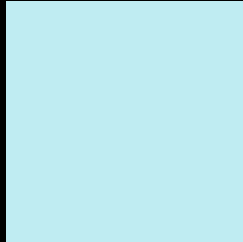
Large Text (above 18pt) WCAG AA × Fail

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 67.5083, 77.4781, 95.4011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

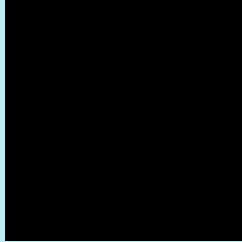
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5083, 77.4781, 95.4011

Background



This preview shows how black text looks on a background with the XYZ color 67.5083, 77.4781, 95.4011.

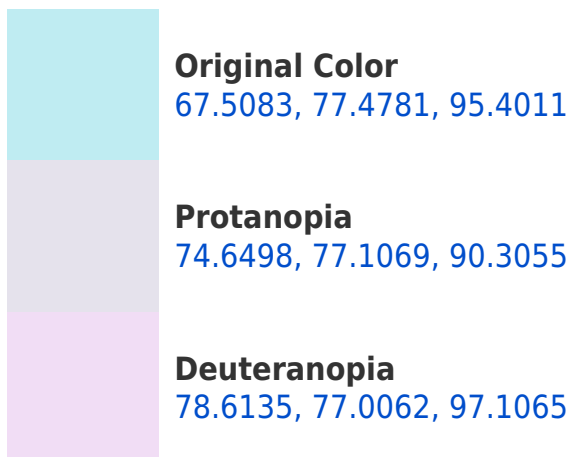


This preview shows how white text looks on a background with the XYZ color 67.5083, 77.4781,

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

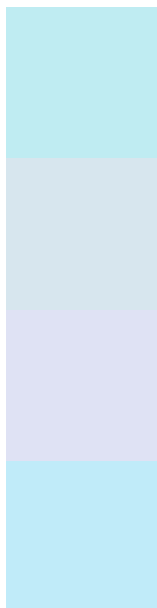




Tritanopia

69.1448, 77.2749, 104.1997

Trichromacy



Original Color

67.5083, 77.4781, 95.4011

Protanomaly

71.7538, 77.2137, 92.0108

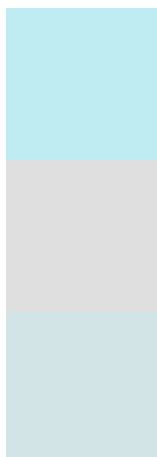
Deuteranomaly

73.9569, 76.6123, 96.4777

Tritanomaly

68.5454, 77.4627, 100.9616

Monochromacy



Original Color

67.5083, 77.4781, 95.4011

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.8903, 75.0489, 85.7179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5083, 77.4781, 95.4011 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(191, 236, 242)` looks like.

```
.text, #text, p{  
    color:rgb(191, 236, 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(191, 236, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 236, 242) }
```

Border

The CSS property to change the border of an element to XYZ 67.5083, 77.4781, 95.4011 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(191, 236, 242) }
```


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

```
.border{ border-color:rgb(191, 236, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 236, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 236, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 236, 242);  
box-shadow:4px 4px 4px 4px rgb(191, 236,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5083, 77.4781, 95.4011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 236, 242) }
```

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

```
.background{ background-color: rgb(191,  
236, 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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