

Converting Colors

XYZ(67.0452, 77.3935, 92.4825)

Have a look what the booklet for
XYZ(67.0452, 77.3935, 92.4825)
contains.

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Color

**XYZ(66.9139, 77.2403,
92.2711)**

Conversions

Conversions Part 1

Format	Color
Hex	BFECCE
RGB	191, 236, 238
RGB Percent	75%, 93%, 93%
CMY	0.2510, 0.0745, 0.0667
CMYK	0.20, 0.01, 0.00, 0.07
HSL	183°, 58%, 84%
HSV	183°, 20%, 93%
XYZ	66.9139, 77.2403, 92.2711
YIQ	222.7730, -27.4620, -8.9180

Conversions

Conversions Part 2

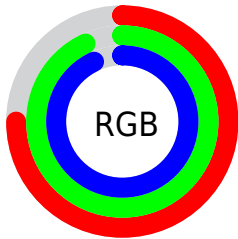
Format	Color
R _Y B	191, 214, 238
Decimal	12578030
CIE Lab	90.43, -13.96, -5.76
CIE LCh	90, 15.102, 202.417
Yxy	77.2403, 0.2830, 0.3267
Android (android.graphics.Color)	4290768110 (0xFFBFCEEE)
YUV	222.7730, 7.5069, -27.8649
Hunter-Lab	87.8865, -17.8972, -0.7274

Details

The XYZ color **66.9139, 77.2403, 92.2711** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.7345, 60.0788, 57.5288**, and the grayscale version is **69.9423, 73.5848, 80.1338**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **35.0813, 41.3383, 50.3861** is the 20% darker color. If you saturate the color by 10%, you get **61.1185, 73.8236, 91.9183**, and if you desaturate by 10%, it is **73.6881, 81.1680, 92.6734**.

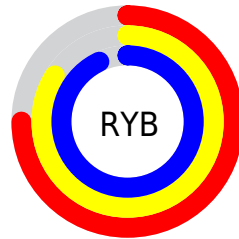
Distribution



Red (75%)

Green (93%)

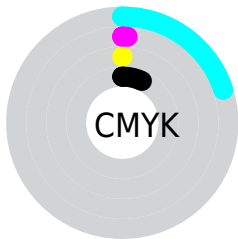
Blue (93%)



Red (75%)

Yellow (84%)

Blue (93%)

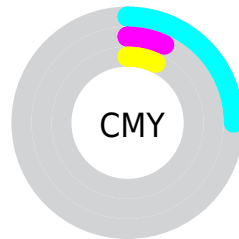


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (7%)



Cyan (25%)


Magenta (7%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.9139, 77.2403, 92.2711 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 66.9139, 77.2403, 92.2711 by changing the saturation by 10% instead.


 66.9139, 77.2403,
92.2711

 66.9139, 77.2403,
92.2711

439.0755,
485.5829, 556.1509

 49.2851, 57.4501,
69.2815


 113.8475,
129.4786, 152.4520

 35.0612, 41.3667,
50.4678


143.8830,
162.6956, 190.4805

 23.8767, 28.6058,
35.4115


178.7848,
201.1569, 234.3590

 15.3664, 18.7828,
23.6939

218.9183,
245.2470, 284.5060

 9.1650, 11.5134,
14.8966

264.6487,
295.3502, 341.3402

 4.9069, 6.4133,
8.6011

316.3415,

 2.2269, 3.0980,

351.8511, 405.2801

4.3887

374.3620,
415.1338, 476.7441

■ 0.7569, 1.1831,
1.8409

■ 0.0000, 0.0478,
0.4547

■ 66.9139, 77.2403,
92.2711

■ 66.9139, 77.2403,
92.2711

■ 61.1185, 73.8236,
91.9183

■ 73.6881, 81.1680,
92.6734

■ 56.2481, 70.8843,
91.6077


■ 81.4779, 85.6197,
93.1221


■ 52.2542, 68.3992,
91.3385

■ 87.5506, 89.1887,
93.4909


■ 49.0812, 66.3398,
91.1082


■ 87.8476, 89.7826,
93.5899


 46.6670, 64.6740,
90.9139


 88.1462, 90.3798,
93.6895


 44.9407, 63.3652,
90.7523


 88.4465, 90.9804,
93.7896


 43.8180, 62.3700,
90.6194

 88.7484, 91.5843,
93.8902

 43.1604, 61.6170,
90.5087

 89.0520, 92.1915,
93.9914

 43.1458, 61.5991,
90.5060

 89.3573, 92.8021,
94.0932

Harmonies

Analogous

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



66.4595, 77.2403, 81.3909



66.9139, 77.2403, 92.2711



69.0806, 77.2403, 101.6535

Triad

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



66.9139, 77.2403, 92.2711



79.3115, 77.2403, 97.4127



74.3756, 77.2403, 65.1519

Complementary

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



66.9139, 77.2403, 92.2711



63.7345, 60.0788, 57.5288

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.



77.9261, 77.2403, 68.6960



66.9139, 77.2403, 92.2711



80.8387, 77.2403, 86.8717

Square

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



66.9139, 77.2403, 92.2711



76.2143, 77.2403, 104.7948



80.3232, 77.2403, 76.4290



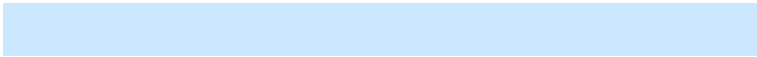
70.6843, 77.2403, 66.3292

Rectangle

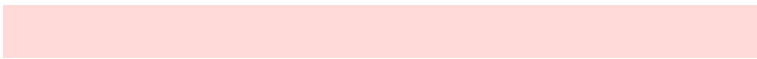
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.9139, 77.2403, 92.2711



71.2460, 77.2403, 105.4898



80.3232, 77.2403, 76.4290



75.6268, 77.2403, 65.8193

Sweetspot

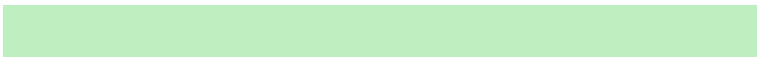
The Sweet Spot groups the original color and five complimentary colors.



66.9161, 77.2435, 92.2728



89.4364, 96.7987, 108.5780



61.6391, 76.0578, 61.6323



19.0180, 20.6473, 23.2329



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.



66.9161, 77.2435, 92.2728



75.1829, 88.5350, 107.7341



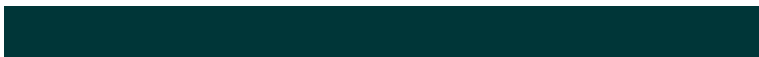
60.6973, 64.8058, 90.1999



16.1865, 17.8070, 20.3056



24.0958, 34.4159, 50.5008



2.0223, 2.8985, 4.2071

Inverse Universe

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



69.0328, 61.4965, 87.5921



78.1214, 66.8082, 101.2057



69.2382, 71.0861, 59.3633



16.4236, 16.0191, 19.7866



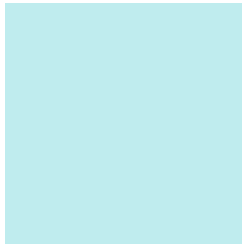
27.4881, 13.2677, 42.0823



2.2957, 1.1073, 3.5479

Previews

White Background



This preview shows how the XYZ color 66.9139, 77.2403, 92.2711 looks on a white background.

Color Contrast Check

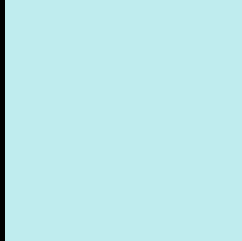
Large Text (above 18pt) WCAG AA × Fail

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 66.9139, 77.2403, 92.2711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

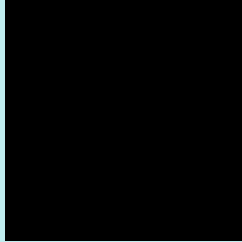
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

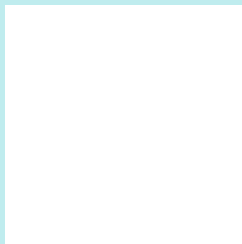
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9139, 77.2403, 92.2711

Background



This preview shows how black text looks on a background with the XYZ color 66.9139, 77.2403, 92.2711.

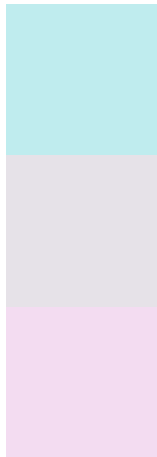


This preview shows how white text looks on a background with the XYZ color 66.9139, 77.2403,

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

66.9139, 77.2403, 92.2711

Protanopia

74.3950, 77.0419, 87.2935

Deuteranopia

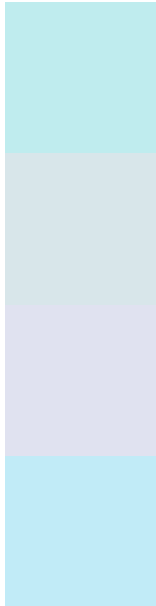
78.4325, 76.5920, 93.8690



Tritanopia

69.2416, 77.3432, 103.3748

Trichromacy



Original Color

66.9139, 77.2403, 92.2711

Protanomaly

71.4670, 77.1331, 88.9634

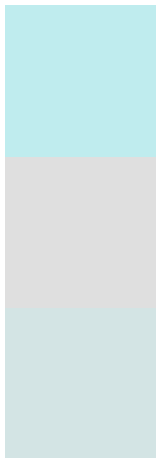
Deuteranomaly

73.6650, 76.5313, 93.3275

Tritanomaly

68.4892, 77.4695, 99.3390

Monochromacy



Original Color

66.9139, 77.2403, 92.2711

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.6110, 74.9371, 84.2469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9139, 77.2403, 92.2711 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(191, 236, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 236, 238) }
```

Border

The CSS property to change the border of an element to XYZ 66.9139, 77.2403, 92.2711 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, 238) }
```


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

```
.border{ border-color:rgb(191, 236, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 236, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 236, 238);  
box-shadow:4px 4px 4px 4px rgb(191, 236,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9139, 77.2403, 92.2711 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, 238) }
```

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

```
.background{ background-color: rgb(191,  
236, 238) }
```

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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