

Converting Colors

XYZ(66.4558, 77.4328, 92.3323)

Have a look what the booklet for
XYZ(66.4558, 77.4328, 92.3323)
contains.

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Color

**XYZ(66.4558, 77.4328,
92.3323)**

Conversions

Conversions Part 1

Format	Color
Hex	BCEDEE
RGB	188, 237, 238
RGB Percent	74%, 93%, 93%
CMY	0.2627, 0.0706, 0.0667
CMYK	0.21, 0.00, 0.00, 0.07
HSL	181°, 60%, 84%
HSV	181°, 21%, 93%
XYZ	66.4558, 77.4328, 92.3323
YIQ	222.4630, -29.5250, -10.0770

Conversions

Conversions Part 2

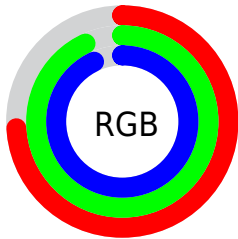
Format	Color
R _{YB}	188, 213, 238
Decimal	12381678
CIE _{Lab}	90.52, -15.36, -5.65
CIE _{LCh}	91, 16.365, 200.192
Yxy	77.4328, 0.2813, 0.3278
Android (android.graphics.Color)	4290571758 (0xFFBCEDDE)
YUV	222.4630, 7.6597, -30.2241
Hunter-Lab	87.9959, -19.1870, -0.6146

Details

The XYZ color **66.4558, 77.4328, 92.3323** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.5352, 58.2032, 55.5167**, and the grayscale version is **69.7227, 73.3538, 79.8822**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **34.7989, 41.4935, 50.4309** is the 20% darker color. If you saturate the color by 10%, you get **60.9328, 74.3839, 92.0362**, and if you desaturate by 10%, it is **72.9505, 80.9871, 92.6773**.

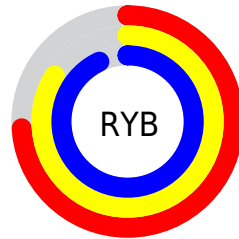
Distribution



Red (74%)

Green (93%)

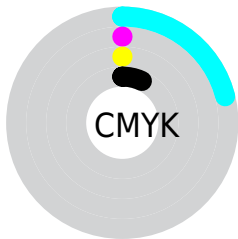
Blue (93%)



Red (74%)

Yellow (84%)

Blue (93%)

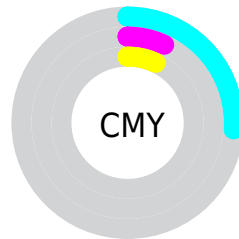


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4558, 77.4328, 92.3323 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 66.4558, 77.4328, 92.3323 by changing the saturation by 10% instead.

66.4558, 77.4328,
92.3323

66.4558, 77.4328,
92.3323

437.4682,
486.2384, 556.3536

48.9116, 57.6082,
69.3321

113.1944,
129.7502, 152.5376

34.7636, 41.4937,
50.5088

143.1195,
163.0118, 190.5797

23.6465, 28.7051,
35.4438

177.9022,
201.5212, 234.4729

15.1949, 18.8578,
23.7187

217.9079,
245.6627, 284.6357

9.0435, 11.5676,
14.9148

263.5021,
295.8208, 341.4866

4.8269, 6.4500,
8.6136

315.0499,

2.1798, 3.1206,

352.3799, 405.4442

4.3967

372.9168,
415.7243, 476.9270

■ 0.7320, 1.1950,
1.8454

■ 0.0000, 0.0576,
0.4577

■ 66.4558, 77.4328,
92.3323

■ 66.4558, 77.4328,
92.3323

■ 60.9328, 74.3839,
92.0362

■ 72.9505, 80.9871,
92.6773

■ 56.3275, 71.8067,
91.7814


■ 80.4542, 85.0602,
93.0680


■ 52.5907, 69.6777,
91.5674


■ 87.3722, 88.8319,
93.4314


■ 49.6660, 67.9679,
91.3916


■ 87.5109, 89.1092,
93.4776


 47.4904, 66.6448,
91.2509


 87.6499, 89.3872,
93.5239


 45.9917, 65.6712,
91.1419


 87.7893, 89.6660,
93.5704

 45.0835, 65.0026,
91.0607

 87.9290, 89.9455,
93.6170

 44.6445, 64.5965,
91.0055

 88.0691, 90.2257,
93.6637

 88.2096, 90.5067,
93.7105

Harmonies

Analogous

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



66.1120, 77.4328, 80.5297



66.4558, 77.4328, 92.3323



68.6733, 77.4328, 102.8371

Triad

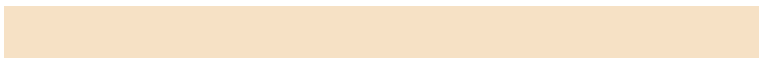
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.4558, 77.4328, 92.3323



79.8101, 77.4328, 99.5795



74.9463, 77.4328, 63.9952

Complementary

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



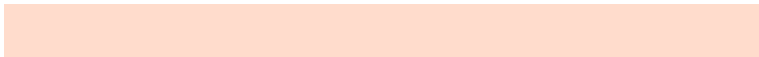
66.4558, 77.4328, 92.3323



62.5352, 58.2032, 55.5167

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.



78.7518, 77.4328, 68.1555



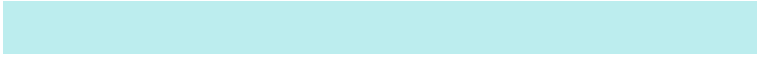
66.4558, 77.4328, 92.3323



81.6278, 77.4328, 88.2091

Square

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



66.4558, 77.4328, 92.3323



76.3475, 77.4328, 107.2827



81.2335, 77.4328, 76.7686



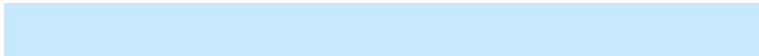
70.9145, 77.4328, 64.8777

Rectangle

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



66.4558, 77.4328, 92.3323



70.9628, 77.4328, 107.3433



81.2335, 77.4328, 76.7686



76.2967, 77.4328, 64.8344

Sweetspot

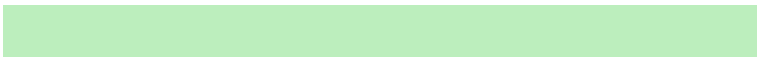
The Sweet Spot groups the original color and five complimentary colors.



66.4581, 77.4360, 92.3341



89.5462, 97.0183, 108.6146



60.4821, 75.5086, 59.4376



19.0440, 20.6994, 23.2416



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.



66.4581, 77.4360, 92.3341



74.9547, 89.0406, 107.8438



59.7581, 64.0362, 90.1008



16.2188, 17.8717, 20.3164



24.9190, 36.0622, 50.7752



2.0816, 3.0171, 4.2269

Inverse Universe

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



68.5309, 60.2596, 88.1437



77.7714, 65.7692, 102.1344



68.3427, 69.8182, 57.4525



16.4399, 16.0257, 19.8726



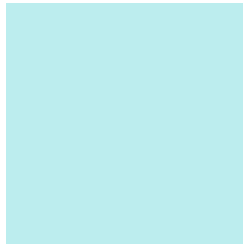
27.9036, 13.4339, 44.2702



2.3256, 1.1193, 3.7056

Previews

White Background



This preview shows how the XYZ color 66.4558, 77.4328, 92.3323 looks on a white background.

Color Contrast Check

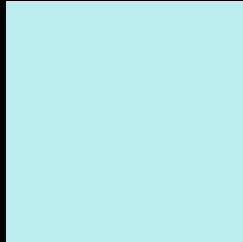
Large Text (above 18pt) WCAG AA × Fail

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 66.4558, 77.4328, 92.3323 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 66.4558, 77.4328, 92.3323

Background



This preview shows how black text looks on a background with the XYZ color 66.4558, 77.4328, 92.3323.

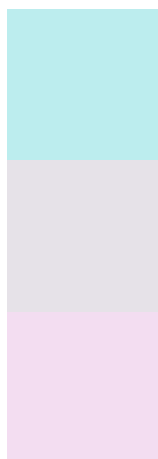


This preview shows how white text looks on a background with the XYZ color 66.4558, 77.4328,

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

66.4558, 77.4328, 92.3323

Protanopia

74.3950, 77.0419, 87.2935

Deuteranopia

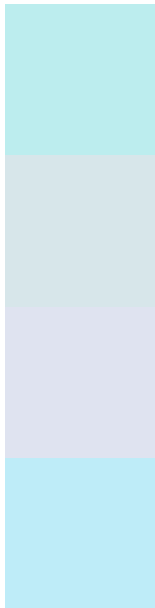
78.6958, 77.1185, 93.9567



Tritanopia

68.9238, 77.5849, 104.2712

Trichromacy



Original Color

66.4558, 77.4328, 92.3323

Protanomaly

71.1724, 76.9812, 88.9496

Deuteranomaly

73.6287, 76.9174, 93.4040

Tritanomaly

68.1739, 77.7154, 100.2144

Monochromacy



Original Color

66.4558, 77.4328, 92.3323

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.0510, 74.2412, 84.1421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4558, 77.4328, 92.3323 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(188, 237, 238)` looks like.

```
.text, #text, p{  
    color:rgb(188, 237, 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(188, 237, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 237, 238) }
```

Border

The CSS property to change the border of an element to XYZ 66.4558, 77.4328, 92.3323 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(188, 237, 238) }
```


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

```
.border{ border-color:rgb(188, 237, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 237, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 237, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 237, 238);  
box-shadow:4px 4px 4px 4px rgb(188, 237,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4558, 77.4328, 92.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 237, 238) }
```

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

```
.background{ background-color: rgb(188,  
237, 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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