

Converting Colors

XYZ(61.6617, 73.2270, 93.3224)

Have a look what the booklet for
XYZ(61.6617, 73.2270, 93.3224)
contains.

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Color

**XYZ(61.6617, 73.2270,
93.3224)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE9F0
RGB	171, 233, 240
RGB Percent	67%, 91%, 94%
CMY	0.3294, 0.0863, 0.0588
CMYK	0.29, 0.03, 0.00, 0.06
HSL	186°, 70%, 81%
HSV	186°, 29%, 94%
XYZ	61.6617, 73.2270, 93.3224
YIQ	215.2600, -39.1990, -10.9670

Conversions

Conversions Part 2

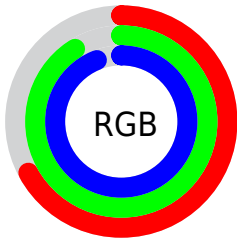
Format	Color
R_{YB}	171, 204, 240
Decimal	11266544
CIE _{Lab}	88.56, -17.83, -9.71
CIE _{LCh}	89, 20.303, 208.572
Yxy	73.2270, 0.2702, 0.3209
Android (android.graphics.Color)	4289456624 (0xFFABE9F0)
YUV	215.2600, 12.1968, -38.8160
Hunter-Lab	85.5728, -21.1295, -4.7585

Details

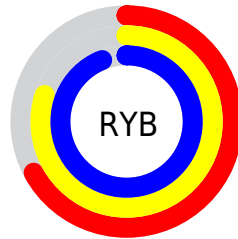
The XYZ color **61.6617, 73.2270, 93.3224** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.2073, 53.3070, 45.6985**, and the grayscale version is **64.7082, 68.0780, 74.1370**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **31.5763, 38.6180, 51.1372** is the 20% darker color. If you saturate the color by 10%, you get **56.2174, 69.4063, 92.8731**, and if you desaturate by 10%, it is **68.0690, 77.5619, 93.8226**.

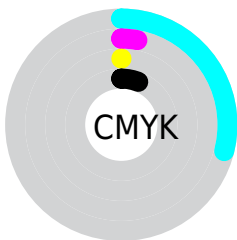
Distribution



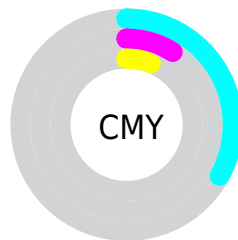
- Red (67%)
- Green (91%)
- Blue (94%)



- Red (67%)
- Yellow (80%)
- Blue (94%)



- Cyan (29%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (33%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6617, 73.2270, 93.3224 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 61.6617, 73.2270, 93.3224 by changing the saturation by 10% instead.

61.6617, 73.2270,
93.3224

61.6617, 73.2270,
93.3224

420.4333,
471.8012, 559.6268

45.0140, 54.1616,
70.1503

106.3291,
123.7994, 153.9205

31.6698, 38.7309,
51.1716

135.0796,
156.0752, 192.1835

21.2637, 26.5504,
35.9675

168.5949,
193.5233, 236.3140

13.4305, 17.2359,
24.1196

207.2406,
236.5280, 286.7305

7.8047, 10.4028,
15.2093

251.3819,
285.4737, 343.8515

4.0210, 5.6668,
8.8182

301.3842,

1.7140, 2.6436,

340.7449, 408.0955

4.5276

357.6129,
402.7259, 479.8811

■ 0.4650, 0.9486,
1.9190

■ 0.0000, 0.0000,
0.5048

■ 61.6617, 73.2270,
93.3224

■ 61.6617, 73.2270,
93.3224

■ 56.2174, 69.4063,
92.8731

■ 68.0690, 77.5619,
93.8226

■ 51.6782, 66.0645,
92.4673

■ 75.4803, 82.4267,
94.3710

■ 47.9899, 63.1753,
92.1040

■ 83.9422, 87.8473,
94.9713

■ 45.0898, 60.7063,
91.7803

■ 88.9412, 91.4970,
95.4123

42.9066, 58.6209,
91.4929

89.6735, 92.9615,
95.6564

41.3559, 56.8753,
91.2377

90.4154, 94.4453,
95.9037

40.3134, 55.4055,
91.0089

91.1670, 95.9485,
96.1542

40.1979, 55.2303,
90.9812

91.9284, 97.4713,
96.4080

92.6996, 99.0137,
96.6651

Harmonies

Analogous

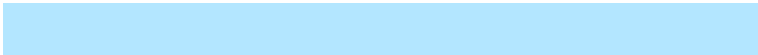
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.6137, 73.2270, 79.0624



61.6617, 73.2270, 93.3224



64.8096, 73.2270, 104.9990

Triad

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



61.6617, 73.2270, 93.3224



77.9391, 73.2270, 94.6196



69.8347, 73.2270, 55.7191

Complementary

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



61.6617, 73.2270, 93.3224



59.2073, 53.3070, 45.6985

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.



74.6209, 73.2270, 58.8828



61.6617, 73.2270, 93.3224



79.4335, 73.2270, 80.4049

Square

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



61.6617, 73.2270, 93.3224



74.1965, 73.2270, 105.8075



78.1921, 73.2270, 67.5291



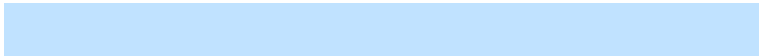
65.1975, 73.2270, 58.3361

Rectangle

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



61.6617, 73.2270, 93.3224



67.7529, 73.2270, 109.1593



78.1921, 73.2270, 67.5291



71.4805, 73.2270, 56.1341

Sweetspot

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



61.6639, 73.2299, 93.3241



86.3669, 94.4282, 108.2822



55.9820, 74.1899, 53.4381



18.2056, 20.0293, 23.1564



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.



61.6639, 73.2299, 93.3241



67.2813, 81.6157, 106.8150



52.8559, 55.6139, 90.3881



16.1024, 17.6389, 20.2776



22.0615, 30.3472, 49.8227



1.8745, 2.6030, 4.1578

Inverse Universe

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



65.2079, 53.5361, 83.9907



71.9645, 56.0427, 94.3803



66.9309, 68.7543, 48.2730



16.3811, 16.0022, 19.5633



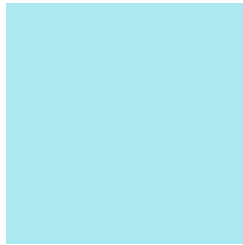
26.4612, 12.8569, 36.6750



2.2211, 1.0775, 3.1552

Previews

White Background



This preview shows how the XYZ color 61.6617, 73.2270, 93.3224 looks on a white background.

Color Contrast Check

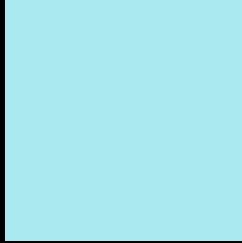
Large Text (above 18pt) WCAG AA × Fail

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 61.6617, 73.2270, 93.3224 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 61.6617, 73.2270, 93.3224

Background



This preview shows how black text looks on a background with the XYZ color 61.6617, 73.2270, 93.3224.

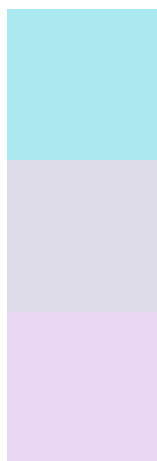


This preview shows how white text looks on a background with the XYZ color 61.6617, 73.2270,

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

61.6617, 73.2270, 93.3224

Protanopia

70.2829, 72.5422, 86.6417

Deuteranopia

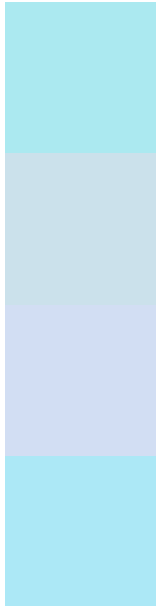
74.2338, 72.4562, 95.6608



Tritanopia

63.0648, 72.9382, 101.1971

Trichromacy



Original Color

61.6617, 73.2270, 93.3224

Protanomaly

66.5492, 72.5451, 89.0923

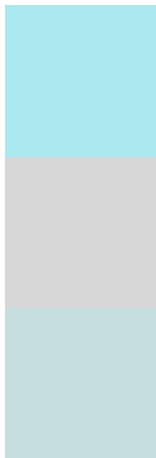
Deuteranomaly

68.8773, 72.4153, 95.1413

Tritanomaly

62.5044, 73.1377, 98.0114

Monochromacy



Original Color

61.6617, 73.2270, 93.3224

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.1290, 69.7665, 80.6600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6617, 73.2270, 93.3224 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(171, 233, 240)` looks like.

```
.text, #text, p{  
    color:rgb(171, 233, 240)  
}
```

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(171, 233, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 233, 240) }
```

Border

The CSS property to change the border of an element to XYZ 61.6617, 73.2270, 93.3224 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(171, 233, 240) }
```


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

```
.border{ border-color:rgb(171, 233, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 233, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 233, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 233, 240);  
box-shadow:4px 4px 4px 4px rgb(171, 233,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6617, 73.2270, 93.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 233, 240) }
```

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

```
.background{ background-color: rgb(171,  
233, 240) }
```

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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