

Converting Colors

XYZ(62.9255, 71.0771, 92.6384)

Have a look what the booklet for
XYZ(62.9255, 71.0771, 92.6384)
contains.

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Color

**XYZ(62.9321, 70.9983,
92.8252)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E2F0
RGB	185, 226, 240
RGB Percent	73%, 89%, 94%
CMY	0.2745, 0.1137, 0.0588
CMYK	0.23, 0.06, 0.00, 0.06
HSL	195°, 65%, 83%
HSV	195°, 23%, 94%
XYZ	62.9321, 70.9983, 92.8252
YIQ	215.3370, -28.9300, -4.3380

Conversions

Conversions Part 2

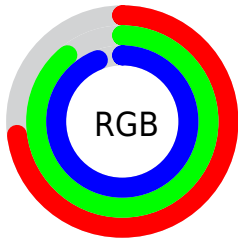
Format	Color
R _Y B	185, 208, 240
Decimal	12182256
CIE Lab	87.48, -10.26, -11.22
CIE LCh	87, 15.203, 227.563
Yxy	70.9983, 0.2775, 0.3131
Android (android.graphics.Color)	4290372336 (0xFFB9E2F0)
YUV	215.3370, 12.1589, -26.6055
Hunter-Lab	84.2605, -14.1386, -6.3342

Details

The XYZ color **62.9321, 70.9983, 92.8252** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65.1162, 62.8750, 54.6045**, and the grayscale version is **64.7556, 68.1279, 74.1913**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **32.5747, 37.4118, 50.8517** is the 20% darker color. If you saturate the color by 10%, you get **55.9929, 65.0009, 92.0345**, and if you desaturate by 10%, it is **70.9120, 77.6236, 93.6846**.

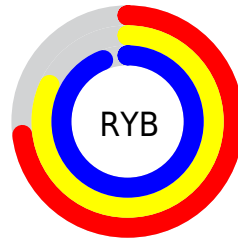
Distribution



Red (73%)

Green (89%)

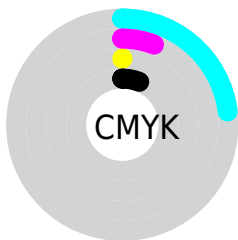
Blue (94%)



Red (73%)

Yellow (82%)

Blue (94%)

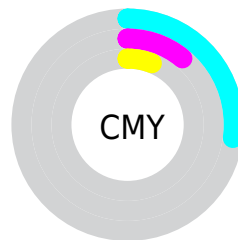


Cyan (23%)

Magenta (6%)

Yellow (0%)

Black (6%)



Cyan (27%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9321, 70.9983, 92.8252 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 62.9321, 70.9983, 92.8252 by changing the saturation by 10% instead.

■ 62.9321, 70.9983,
92.8252

■ 62.9321, 70.9983,
92.8252

424.9866,
464.0475, 557.9844

■ 46.0447, 52.3408,
69.7394

■ 108.1539,
120.6313, 153.2262

■ 32.4859, 37.2768,
50.8386

137.2190,
152.3756, 191.3784

■ 21.8902, 25.4219,
35.7043

171.0742,
189.2510, 235.3899

■ 13.8924, 16.3916,
23.9181

210.0846,
231.6418, 285.6791

■ 8.1271, 9.8017,
15.0612

254.6157,
279.9325, 342.6646

■ 4.2289, 5.2677,
8.7153

305.0328,

■ 1.8324, 2.4052,

334.5074, 406.7650

4.4617

361.7013,
395.7509, 478.3987

■ 0.5371, 0.8285,
1.8819

■ 0.0000, 0.0000,
0.4812

■ 62.9321, 70.9983,
92.8252

■ 62.9321, 70.9983,
92.8252

■ 55.9929, 65.0009,
92.0345

■ 70.9120, 77.6236,
93.6846

■ 50.0385, 59.5962,
91.3051

■ 79.9724, 84.8930,
94.6102

■ 45.0169, 54.7585,
90.6360

■ 89.4179, 92.4504,
95.5711

■ 40.8689, 50.4563,
90.0242

■ 91.2897, 96.1939,
96.1950

■ 37.5280, 46.6542,
89.4664

■ 92.7284, 99.0714,
96.6746

■ 34.9175, 43.3119,
88.9589

■ 32.9446, 40.3805,
88.4971

■ 31.8330, 38.5005,
88.1928

Harmonies

Analogous

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



61.1149, 70.9983, 83.4226



62.9321, 70.9983, 92.8252



66.0066, 70.9983, 98.2523

Triad

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



62.9321, 70.9983, 92.8252



74.4465, 70.9983, 81.6395



65.4210, 70.9983, 59.9544

Complementary

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



62.9321, 70.9983, 92.8252



65.1162, 62.8750, 54.6045

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.



68.9787, 70.9983, 59.5692



62.9321, 70.9983, 92.8252



74.2761, 70.9983, 71.4942

Square

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



62.9321, 70.9983, 92.8252



72.7032, 70.9983, 91.4206



72.2456, 70.9983, 63.6191



62.5165, 70.9983, 64.7229

Rectangle

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



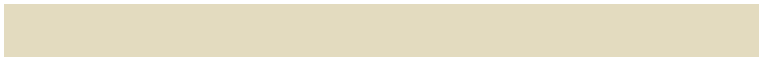
62.9321, 70.9983, 92.8252



68.3940, 70.9983, 98.5951



72.2456, 70.9983, 63.6191



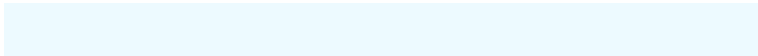
66.5777, 70.9983, 59.3242

Sweetspot

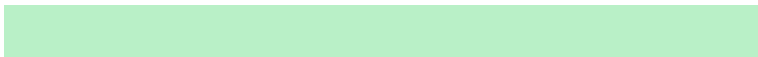
The Sweet Spot groups the original color and five complimentary colors.



62.9342, 71.0012, 92.8268



87.3530, 93.9061, 108.1294



61.4488, 76.7477, 65.4573



18.5614, 19.9911, 23.1303



0.0000, 0.0000, 0.0000



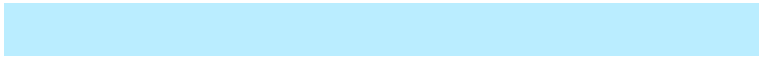
20.3446, 21.4041, 23.3091

Same Dimension

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



62.9342, 71.0012, 92.8268



68.7590, 78.5235, 106.1403



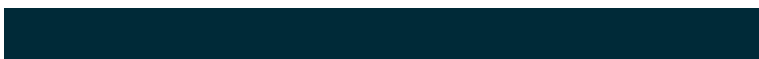
56.1031, 57.3389, 90.5498



15.8870, 17.2081, 20.2058



17.5377, 21.2997, 48.3148



1.5380, 1.9299, 4.0457

Inverse Universe

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



67.0133, 58.7158, 79.7561



74.1866, 62.5835, 88.6573



71.9578, 76.5581, 56.8850



16.2724, 15.9587, 18.9907



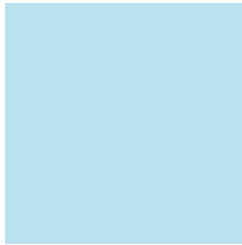
24.1779, 11.9436, 24.6509



2.0512, 1.0095, 2.2607

Previews

White Background



This preview shows how the XYZ color 62.9321, 70.9983, 92.8252 looks on a white background.

Color Contrast Check

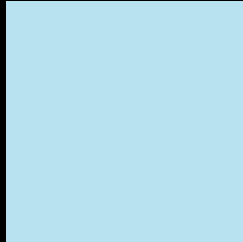
Large Text (above 18pt) WCAG AA × Fail

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 62.9321, 70.9983, 92.8252 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 62.9321, 70.9983, 92.8252

Background



This preview shows how black text looks on a background with the XYZ color 62.9321, 70.9983, 92.8252.

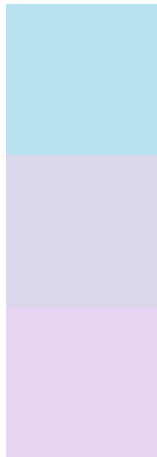


This preview shows how white text looks on a background with the XYZ color 62.9321, 70.9983,

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

62.9321, 70.9983, 92.8252

Protanopia

68.7217, 70.5293, 88.5888

Deuteranopia

72.2850, 70.7176, 94.6340



Tritanopia

63.3526, 70.7606, 95.1131

Trichromacy



Original Color

62.9321, 70.9983, 92.8252

Protanomaly

66.3329, 70.4226, 90.2176

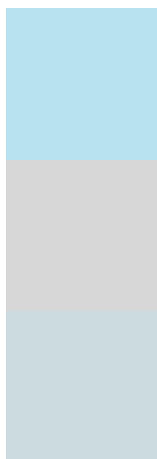
Deuteranomaly

68.5390, 70.6997, 94.0384

Tritanomaly

63.2019, 70.7003, 94.3198

Monochromacy



Original Color

62.9321, 70.9983, 92.8252

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.6879, 68.8822, 80.4599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9321, 70.9983, 92.8252 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(185, 226, 240)` looks like.

```
.text, #text, p{  
    color:rgb(185, 226, 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(185, 226, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 226, 240) }
```

Border

The CSS property to change the border of an element to XYZ 62.9321, 70.9983, 92.8252 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(185, 226, 240) }
```


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

```
.border{ border-color:rgb(185, 226, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 226, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 226, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 226, 240);  
box-shadow:4px 4px 4px 4px rgb(185, 226,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9321, 70.9983, 92.8252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 226, 240) }
```

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

```
.background{ background-color: rgb(185,  
226, 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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