

Converting Colors

XYZ(63.1098, 70.0891, 90.7534)

Have a look what the booklet for
XYZ(63.1098, 70.0891, 90.7534)
contains.

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Color

**XYZ(63.0555, 69.8955,
91.0567)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDFEE
RGB	190, 223, 238
RGB Percent	75%, 87%, 93%
CMY	0.2549, 0.1255, 0.0667
CMYK	0.20, 0.06, 0.00, 0.07
HSL	199°, 59%, 84%
HSV	199°, 20%, 93%
XYZ	63.0555, 69.8955, 91.0567
YIQ	214.8430, -24.4830, -2.3310

Conversions

Conversions Part 2

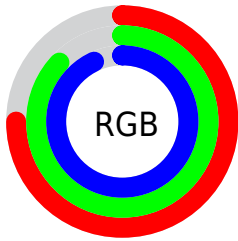
Format	Color
R _Y B	190, 210, 238
Decimal	12509166
CIE Lab	86.95, -7.65, -10.94
CIE LCh	87, 13.348, 235.019
Yxy	69.8955, 0.2815, 0.3120
Android (android.graphics.Color)	4290699246 (0xFFBEDFEE)
YUV	214.8430, 11.4164, -21.7873
Hunter-Lab	83.6035, -11.6778, -6.0532

Details

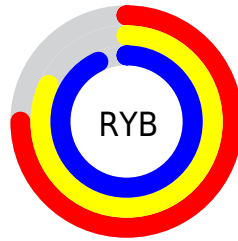
The XYZ color **63.0555, 69.8955, 91.0567** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66.3862, 65.5577, 57.8717**, and the grayscale version is **64.4239, 67.7789, 73.8112**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **32.5995, 36.6169, 49.6056** is the 20% darker color. If you saturate the color by 10%, you get **55.6466, 63.1928, 90.1546**, and if you desaturate by 10%, it is **71.5265, 77.2789, 92.0365**.

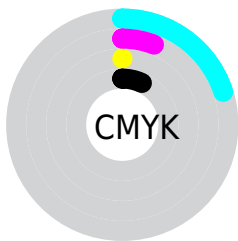
Distribution



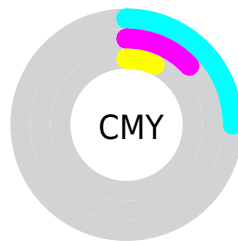
- Red (75%)
- Green (87%)
- Blue (93%)



- Red (75%)
- Yellow (82%)
- Blue (93%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (25%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0555, 69.8955, 91.0567 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 63.0555, 69.8955, 91.0567 by changing the saturation by 10% instead.

■ 63.0555, 69.8955,
91.0567

■ 63.0555, 69.8955,
91.0567

425.4273,
460.1830, 552.1208

■ 46.1449, 51.4413,
68.2788

■ 108.3309,
119.0597, 150.7536

■ 32.5653, 36.5600,
49.6564

137.4265,
150.5386, 188.5097

■ 21.9513, 24.8670,
34.7712

171.3145,
187.1278, 232.0956

■ 13.9375, 15.9780,
23.2046

210.3602,
229.2117, 281.9298

■ 8.1586, 9.5086,
14.5379

254.9289,
277.1749, 338.4309

■ 4.2493, 5.0744,
8.3527

305.3861,

■ 1.8441, 2.2910,

331.4015, 402.0174

4.2305

362.0972,
392.2761, 473.1079

■ 0.5440, 0.7689,
1.7526

■ 0.0000, 0.0000,
0.3964

■ 63.0555, 69.8955,
91.0567

■ 63.0555, 69.8955,
91.0567

■ 55.6466, 63.1928,
90.1546

■ 71.5265, 77.2789,
92.0365

■ 49.2454, 57.1357,
89.3228

■ 81.0983, 85.3591,
93.0916

■ 43.8019, 51.6985,
88.5602

■ 89.4201, 92.9276,
94.1139

■ 39.2590, 46.8502,
87.8639

■ 91.7191, 97.5256,
94.8803

■ 35.5532, 42.5561,
87.2303

■ 92.4328, 98.9531,
95.1182

■ 32.6119, 38.7772,
86.6560

■ 30.3490, 35.4672,
86.1363

■ 28.6437, 32.5950,
85.6718

Harmonies

Analogous

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



61.1477, 69.8955, 83.5991



63.0555, 69.8955, 91.0567



65.9144, 69.8955, 94.5225

Triad

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



63.0555, 69.8955, 91.0567



72.5868, 69.8955, 77.6048



63.9302, 69.8955, 61.5820

Complementary

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



63.0555, 69.8955, 91.0567



66.3862, 65.5577, 57.8717

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.



66.9554, 69.8955, 60.2490



63.0555, 69.8955, 91.0567



72.0156, 69.8955, 69.0714

Square

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



63.0555, 69.8955, 91.0567



71.4677, 69.8955, 86.3781



69.9302, 69.8955, 62.8855



61.6416, 69.8955, 66.6793

Rectangle

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



63.0555, 69.8955, 91.0567



67.9993, 69.8955, 93.9210



69.9302, 69.8955, 62.8855



64.8921, 69.8955, 60.6966

Sweetspot

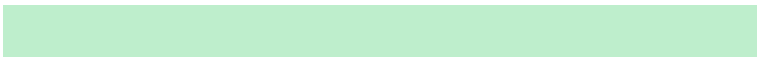
The Sweet Spot groups the original color and five complimentary colors.



63.0576, 69.8984, 91.0583



88.1373, 94.2006, 108.1449



62.7583, 76.4764, 68.8338



18.7101, 20.0316, 23.1303



0.0000, 0.0000, 0.0000



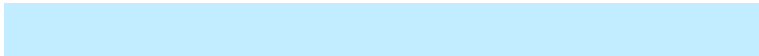
20.3446, 21.4041, 23.3091

Same Dimension

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



63.0576, 69.8984, 91.0583



70.2073, 78.5837, 106.0756



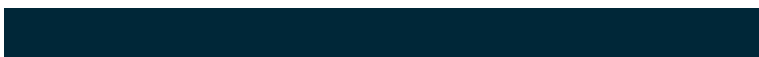
57.2310, 58.2453, 89.1161



15.8065, 17.0472, 20.1790



16.1008, 18.4258, 47.8358



1.4278, 1.7096, 4.0089

Inverse Universe

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



66.9943, 60.3334, 77.9297



75.6099, 65.8037, 87.9805



72.4090, 77.6033, 59.8793



16.2318, 15.9424, 18.7768



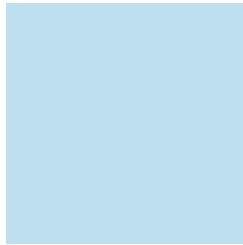
23.4525, 11.6534, 20.8315



1.9956, 0.9873, 1.9678

Previews

White Background



This preview shows how the XYZ color 63.0555, 69.8955, 91.0567 looks on a white background.

Color Contrast Check

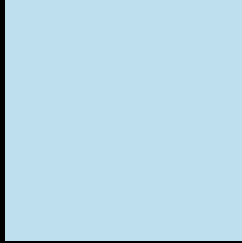
Large Text (above 18pt) WCAG AA × Fail

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 63.0555, 69.8955, 91.0567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

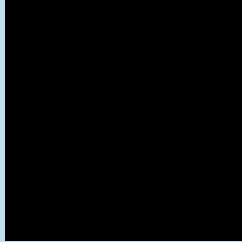
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

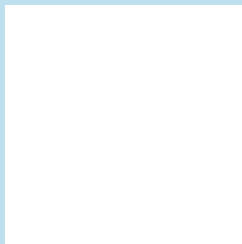
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0555, 69.8955, 91.0567

Background



This preview shows how black text looks on a background with the XYZ color 63.0555, 69.8955, 91.0567.



This preview shows how white text looks on a background with the XYZ color 63.0555, 69.8955,

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

63.0555, 69.8955, 91.0567

Protanopia

67.7261, 69.6512, 87.7164

Deuteranopia

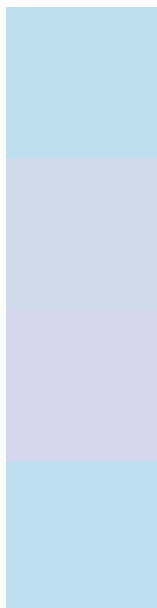
71.0174, 69.3738, 92.0855



Tritanopia

63.3511, 70.0138, 92.6131

Trichromacy



Original Color

63.0555, 69.8955, 91.0567

Protanomaly

66.0590, 69.9266, 88.6128

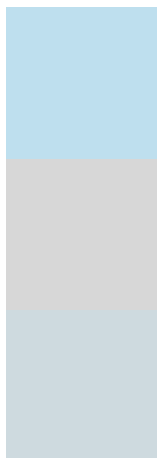
Deuteranomaly

67.6120, 69.1290, 91.4411

Tritanomaly

63.2029, 69.9545, 91.8328

Monochromacy



Original Color

63.0555, 69.8955, 91.0567

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.8443, 68.5923, 79.6867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0555, 69.8955, 91.0567 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(190, 223, 238)` looks like.

```
.text, #text, p{  
    color:rgb(190, 223, 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(190, 223, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 223, 238) }
```

Border

The CSS property to change the border of an element to XYZ 63.0555, 69.8955, 91.0567 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(190, 223, 238) }
```


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

```
.border{ border-color:rgb(190, 223, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 223, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 223, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 223, 238);  
box-shadow:4px 4px 4px 4px rgb(190, 223,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0555, 69.8955, 91.0567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 223, 238) }
```

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

```
.background{ background-color: rgb(190,  
223, 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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