

Converting Colors

XYZ(63.4108, 70.5520,
104.8727)

Have a look what the booklet for
XYZ(63.4108, 70.5520, 104.8727)
contains.

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Color

**XYZ(63.3353, 70.5354,
104.8843)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E1FF
RGB	178, 225, 255
RGB Percent	70%, 88%, 100%
CMY	0.3019, 0.1176, 0.0000
CMYK	0.30, 0.12, 0.00, 0.00
HSL	203°, 100%, 85%
HSV	203°, 30%, 100%
XYZ	63.3353, 70.5354, 104.8843
YIQ	214.3670, -37.6420, -0.6340

Conversions

Conversions Part 2

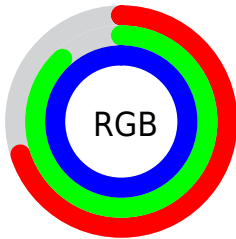
Format	Color
R _Y B	178, 207, 255
Decimal	11723263
CIE Lab	87.26, -8.36, -19.49
CIE LCh	87, 21.205, 246.787
Yxy	70.5354, 0.2653, 0.2954
Android (android.graphics.Color)	4289913343 (0xFFB2E1FF)
YUV	214.3670, 20.0321, -31.8939
Hunter-Lab	83.9854, -12.3634, -15.2540

Details

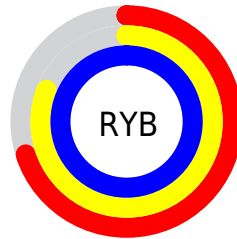
The XYZ color **63.3353, 70.5354, 104.8843** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.8319, 69.5859, 51.7668**, and the grayscale version is **64.0527, 67.3885, 73.3860**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **32.7361, 37.0376, 58.8497** is the 20% darker color. If you saturate the color by 10%, you get **55.4116, 62.5807, 103.7665**, and if you desaturate by 10%, it is **72.5066, 79.3687, 106.1059**.

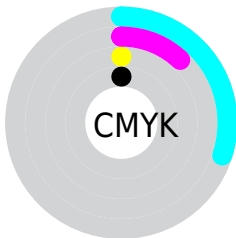
Distribution



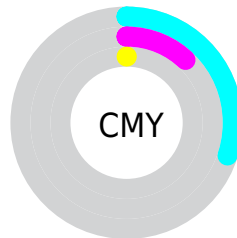
- Red (70%)
- Green (88%)
- Blue (100%)



- Red (70%)
- Yellow (81%)
- Blue (100%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3353, 70.5354, 104.8843 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 63.3353, 70.5354, 104.8843 by changing the saturation by 10% instead.

63.3353, 70.5354,
104.8843

63.3353, 70.5354,
104.8843

426.4257,
462.4277, 597.1212

46.3722, 51.9631,
79.7463

108.7322,
119.9720, 169.9635

32.7455, 36.9757,
58.9847

137.8967,
151.6050, 210.7418

22.0898, 25.1887,
42.1809

171.8590,
188.3605, 257.5706

14.0399, 16.2177,
28.9163

210.9846,
230.6228, 310.8684

8.2303, 9.6783,
18.7725

255.6386,
278.7762, 371.0539

4.2957, 5.1862,
11.3308

306.1866,

1.8708, 2.3569,

333.2053, 438.5454

6.1729

362.9938,
394.2943, 513.7617

■ 0.5598, 0.8036,
2.8800

■ 0.0000, 0.0000,
1.0337

■ 63.3353, 70.5354,
104.8843

■ 63.3353, 70.5354,
104.8843

■ 55.4116, 62.5807,
103.7665

■ 72.5066, 79.3687,
106.1059

■ 48.6668, 55.4600,
102.7476

■ 82.9780, 89.1062,
107.4336

■ 43.0338, 49.1366,
101.8239

94.8059, 99.7826,
108.8709

■ 38.4358, 43.5667,
100.9912

95.0500, 100.0000,
108.9000

■ 34.7854, 38.7010,
100.2444

■ 31.9783, 34.4814,
99.5779

■ 29.8813, 30.8826,
98.9938

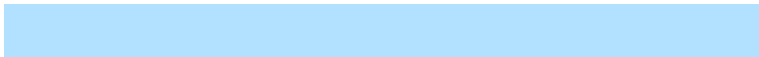
Harmonies

Analogous

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



59.6566, 70.5354, 94.4352



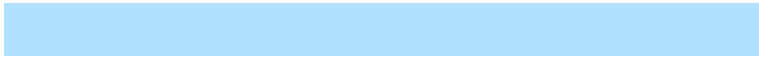
63.3353, 70.5354, 104.8843



68.1805, 70.5354, 107.4022

Triad

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



63.3353, 70.5354, 104.8843



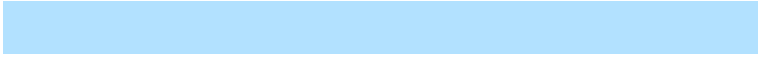
77.0143, 70.5354, 73.6035



61.4657, 70.5354, 56.8524

Complementary

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



63.3353, 70.5354, 104.8843



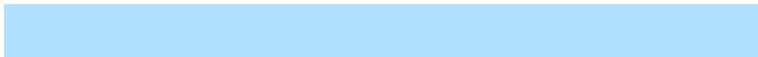
71.8319, 69.5859, 51.7668

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.



65.9158, 70.5354, 52.6461



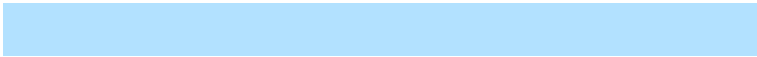
63.3353, 70.5354, 104.8843



75.0126, 70.5354, 61.5113

Square

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



63.3353, 70.5354, 104.8843



76.2397, 70.5354, 88.1338



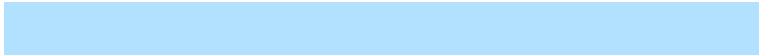
70.8901, 70.5354, 54.2397



58.6151, 70.5354, 66.4840

Rectangle

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



63.3353, 70.5354, 104.8843



71.4537, 70.5354, 103.9966



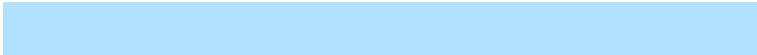
70.8901, 70.5354, 54.2397



62.8154, 70.5354, 54.8152

Sweetspot

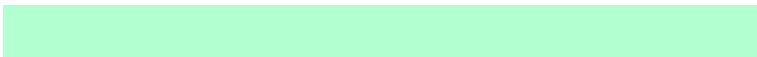
The Sweet Spot groups the original color and five complimentary colors.



63.3373, 70.5381, 104.8847



84.3188, 90.3318, 107.5994



65.4469, 85.5158, 72.4214



17.6988, 19.0156, 22.9875



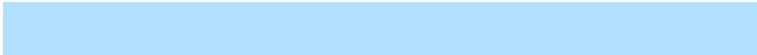
0.0000, 0.0000, 0.0000



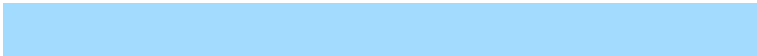
20.3446, 21.4041, 23.3091

Same Dimension

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



63.3373, 70.5381, 104.8847



58.5887, 65.8146, 104.2233



54.1783, 52.2203, 101.8318



17.9260, 19.2236, 23.0157



15.7630, 16.4357, 51.7762



1.6410, 1.8128, 5.0767

Inverse Universe

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



70.7523, 58.5386, 78.8072



67.1902, 52.6524, 73.8033



82.2372, 90.3964, 55.2352



18.4753, 18.1734, 21.1200



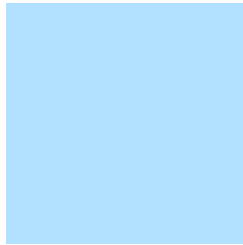
24.7447, 12.3872, 17.8376



2.4629, 1.2275, 2.0192

Previews

White Background



This preview shows how the XYZ color 63.3353, 70.5354, 104.8843 looks on a white background.

Color Contrast Check

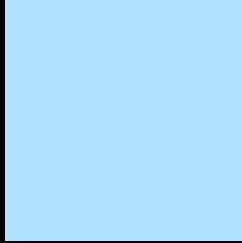
Large Text (above 18pt) WCAG AA × Fail

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 63.3353, 70.5354, 104.8843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

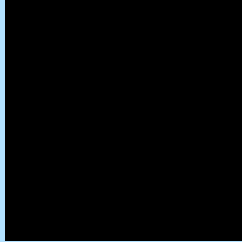
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3353, 70.5354, 104.8843

Background



This preview shows how black text looks on a background with the XYZ color 63.3353, 70.5354, 104.8843.



This preview shows how white text looks on a background with the XYZ color 63.3353, 70.5354,

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

63.3353, 70.5354, 104.8843

Protanopia

68.8061, 69.9483, 99.4974

Deuteranopia

71.3594, 70.0241, 104.3627



Tritanopia

61.8550, 70.7608, 96.7843

Trichromacy



Original Color

63.3353, 70.5354, 104.8843

Protanomaly

66.5635, 69.9074, 101.2520

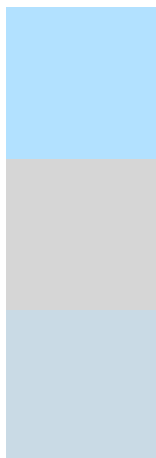
Deuteranomaly

68.0397, 69.8248, 104.4992

Tritanomaly

62.4267, 70.5794, 99.9555

Monochromacy



Original Color

63.3353, 70.5354, 104.8843

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.3017, 68.2175, 83.9597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3353, 70.5354, 104.8843 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(178, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(178, 225, 255)  
}
```

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(178, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.3353, 70.5354, 104.8843 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(178, 225, 255) }
```


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

```
.border{ border-color:rgb(178, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(178, 225,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3353, 70.5354, 104.8843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 225, 255) }
```

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

```
.background{ background-color: rgb(178,  
225, 255) }
```

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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