

Converting Colors

XYZ(53.5517, 70.3644, 99.0396)

Have a look what the booklet for
XYZ(53.5517, 70.3644, 99.0396)
contains.

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Color

**XYZ(53.3395, 70.0858,
98.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	6FECF7
RGB	111, 236, 247
RGB Percent	44%, 93%, 97%
CMY	0.5647, 0.0745, 0.0314
CMYK	0.55, 0.04, 0.00, 0.03
HSL	185°, 89%, 70%
HSV	185°, 55%, 97%
XYZ	53.3395, 70.0858, 98.7123
YIQ	199.8790, -78.0310, -23.0790

Conversions

Conversions Part 2

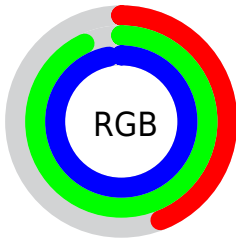
Format	Color
RYB	111, 176, 247
Decimal	7335159
CIELab	87.04, -31.71, -15.91
CIElCh	87, 35.482, 206.649
Yxy	70.0858, 0.2401, 0.3155
Android (android.graphics.Color)	4285525239 (0xFF6FECF7)
YUV	199.8790, 23.2307, -77.9469
Hunter-Lab	83.7173, -32.7760, -11.3077

Details

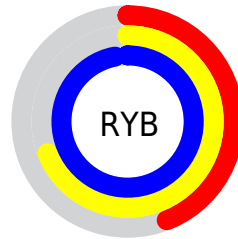
The XYZ color **53.3395, 70.0858, 98.7123** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.1880, 34.8425, 19.2264**, and the grayscale version is **54.7233, 57.5732, 62.6972**.

A 20% lighter version of the original color is **71.0436, 87.6242, 107.7765**, and **26.4882, 36.7974, 54.9968** is the 20% darker color. If you saturate the color by 10%, you get **50.0794, 67.5577, 98.3974**, and if you desaturate by 10%, it is **57.4694, 73.0750, 99.0729**.

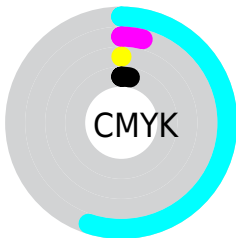
Distribution



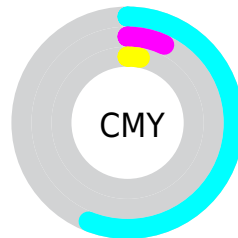
- Red (44%)
- Green (93%)
- Blue (97%)



- Red (44%)
- Yellow (69%)
- Blue (97%)



- Cyan (55%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)




- Cyan (56%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3395, 70.0858, 98.7123 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 53.3395, 70.0858, 98.7123 by changing the saturation by 10% instead.


 53.3395, 70.0858,
98.7123


 53.3395, 70.0858,
98.7123


389.8259,
460.8512, 577.2676


 38.3024, 51.5965,
74.6147


 94.2663, 119.3311,
161.4229

 26.3958, 36.6835,
54.7975


 120.8868,
150.8559, 200.8729

 17.2542, 24.9626,
38.8421


 152.0991,
187.4946, 246.2775

 10.5123, 16.0492,
26.3300

188.2687,
229.6317, 298.0552

 5.8048, 9.5590,
16.8427

229.7607,
277.6515, 356.6245

 2.7663, 5.1075,
9.9616

276.9407,

 1.0314, 2.3105,

331.9384, 422.4040

5.2683

330.1740,
392.8768, 495.8122

■ 0.0000, 0.7793,
2.3440

■ 0.0000, 0.0000,
0.7557

■ 53.3395, 70.0858,
98.7123

■ 53.3395, 70.0858,
98.7123

■ 50.0794, 67.5577,
98.3974

■ 57.4694, 73.0750,
99.0729

■ 47.6098, 65.4451,
98.1198

■ 62.5272, 76.5505,
99.4771

■ 45.8483, 63.7069,
97.8772

■ 68.5732, 80.5451,
99.9295

■ 44.6904, 62.2895,
97.6646

■ 75.6610, 85.0864,
100.4325

■ 44.2651, 61.6682,
97.5671

■ 83.8404, 90.2001,
100.9884

■ 91.5927, 95.1033,
101.5263

■ 92.2100, 96.3381,
101.7321

■ 92.8340, 97.5860,
101.9400

■ 93.4646, 98.8471,
102.1502

Harmonies

Analogous

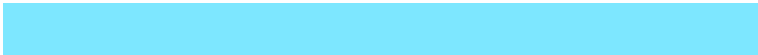
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.9134, 70.0858, 73.6701



53.3395, 70.0858, 98.7123



58.2170, 70.0858, 121.2327

Triad

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



53.3395, 70.0858, 98.7123



80.8607, 70.0858, 104.3103



67.5520, 70.0858, 39.1616

Complementary

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



53.3395, 70.0858, 98.7123



48.1880, 34.8425, 19.2264

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.



75.7829, 70.0858, 44.1348



53.3395, 70.0858, 98.7123



83.8578, 70.0858, 79.0153

Square

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



53.3395, 70.0858, 98.7123



74.0352, 70.0858, 124.9079



81.9272, 70.0858, 57.5852



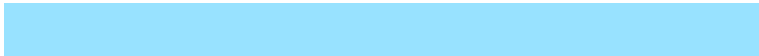
59.7069, 70.0858, 42.3055

Rectangle

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



53.3395, 70.0858, 98.7123



62.9954, 70.0858, 130.0057



81.9272, 70.0858, 57.5852



70.3695, 70.0858, 39.9082

Sweetspot

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



53.3416, 70.0885, 98.7140



79.7524, 90.4687, 107.8665



43.2122, 71.2603, 29.2696



16.7321, 19.1485, 23.0641



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.



53.3416, 70.0885, 98.7140



53.5233, 72.3733, 105.7562



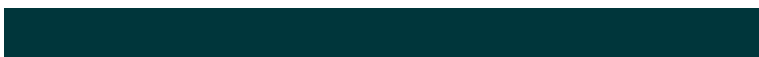
37.7082, 38.8216, 93.5028



16.8754, 18.5150, 21.2269



23.4600, 32.7137, 51.6159



2.0952, 2.9418, 4.5476

Inverse Universe

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



59.1843, 37.2011, 83.4209



60.5594, 34.4021, 86.9730



59.2262, 56.9188, 22.9057



17.1524, 16.7438, 20.5492



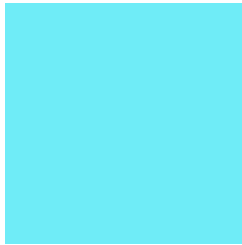
27.6460, 13.4018, 39.7058



2.4466, 1.1846, 3.5783

Previews

White Background



This preview shows how the XYZ color 53.3395, 70.0858, 98.7123 looks on a white background.

Color Contrast Check

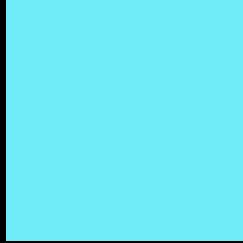
Large Text (above 18pt) WCAG AA × Fail

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 53.3395, 70.0858, 98.7123 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 53.3395, 70.0858, 98.7123

Background



This preview shows how black text looks on a background with the XYZ color 53.3395, 70.0858, 98.7123.

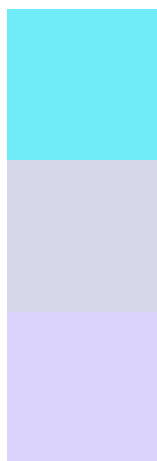


This preview shows how white text looks on a background with the XYZ color 53.3395, 70.0858,

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

53.3395, 70.0858, 98.7123

Protanopia

67.1761, 68.9885, 87.6174

Deuteranopia

70.3802, 68.8325, 101.6720



Tritanopia

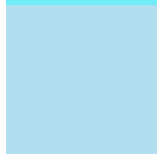
54.5372, 70.1498, 104.4318

Trichromacy



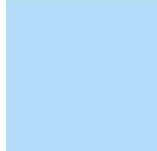
Original Color

53.3395, 70.0858, 98.7123



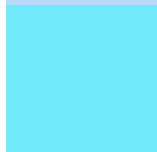
Protanomaly

60.0991, 68.3545, 91.6875



Deuteranomaly

61.6709, 67.7918, 100.2772



Tritanomaly

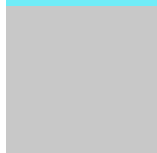
53.9310, 69.8924, 101.9149

Monochromacy



Original Color

53.3395, 70.0858, 98.7123



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

52.4671, 60.9231, 74.6397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3395, 70.0858, 98.7123 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(111, 236, 247)` looks like.

```
.text, #text, p{  
    color:rgb(111, 236, 247)  
}
```

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(111, 236, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 236, 247) }
```

Border

The CSS property to change the border of an element to XYZ 53.3395, 70.0858, 98.7123 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(111, 236, 247) }
```


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

```
.border{ border-color:rgb(111, 236, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 236, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 236, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 236, 247); box-shadow:4px 4px 4px 4px rgb(111, 236, 247) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3395, 70.0858, 98.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 236, 247) }
```

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

```
.background{ background-color: rgb(111,  
236, 247) }
```

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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