

Converting Colors

XYZ(53.9513, 70.6802, 76.0730)

Have a look what the booklet for
XYZ(53.9513, 70.6802, 76.0730)
contains.

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Color

**XYZ(53.7801, 70.3943,
75.7187)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 91EBD8 |
| RGB | 145, 235, 216 |
| RGB Percent | 57%, 92%, 85% |
| CMY | 0.4314, 0.0784, 0.1529 |
| CMYK | 0.38, 0.00, 0.08, 0.08 |
| HSL | 167°, 69%, 75% |
| HSV | 167°, 38%, 92% |
| XYZ | 53.7801, 70.3943, 75.7187 |
| YIQ | 205.9240, -47.5410, -24.9890 |

Conversions

Conversions Part 2

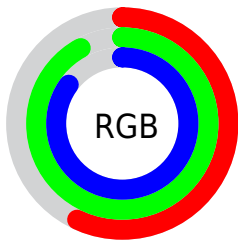
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 145, 195, 235 |
| Decimal | 9563096 |
| CIELab | 87.19, -31.23, 0.72 |
| CIELCh | 87, 31.239, 178.677 |
| Yxy | 70.3943, 0.2690, 0.3522 |
| Android (android.graphics.Color) | 4287753176 (0xFF91EBD8) |
| YUV | 205.9240, 4.9675, -53.4303 |
| Hunter-Lab | 83.9013, -32.4102, 5.2233 |

Details

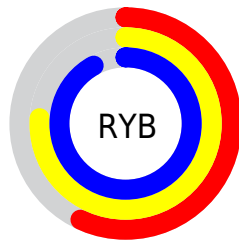
The XYZ color **53.7801, 70.3943, 75.7187** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.0897, 40.5953, 40.2677**, and the grayscale version is **58.6103, 61.6626, 67.1506**.

A 20% lighter version of the original color is **78.1671, 91.2966, 108.1099**, and **26.6729, 36.9373, 39.4420** is the 20% darker color. If you saturate the color by 10%, you get **49.4283, 68.2256, 72.2180**, and if you desaturate by 10%, it is **59.0118, 73.0179, 79.3648**.

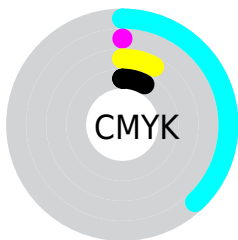
Distribution



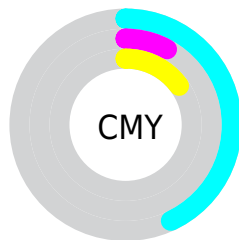
- Red (57%)
- Green (92%)
- Blue (85%)



- Red (57%)
- Yellow (76%)
- Blue (92%)



- Cyan (38%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)





- Cyan (43%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7801, 70.3943, 75.7187 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 53.7801, 70.3943, 75.7187 by changing the saturation by 10% instead.


 53.7801, 70.3943,
75.7187


 53.7801, 70.3943,
75.7187


391.4830,
461.9333, 499.7054

 38.6559, 51.8481,
55.6966

 94.9101, 119.7709,
129.0856

 26.6716, 36.8840,
39.5574

 121.6465,
151.3700, 163.2676

 17.4621, 25.1177,
26.8824


152.9844,
188.0889, 203.0065

 10.6618, 16.1647,
17.2533

189.2891,
230.3119, 248.7210

 5.9055, 9.6408,
10.2514

230.9259,
278.4234, 300.8296

 2.8278, 5.1615,
5.4582


278.2603,

 1.0634, 2.3423,


332.8079, 359.7508


2.4551


331.6575,
393.8497, 425.9032

 0.0000, 0.7960,
0.8162


 0.0000, 0.0000,
0.0000


 53.7801, 70.3943,
75.7187


 53.7801, 70.3943,
75.7187


 49.4283, 68.2256,
72.2180


 59.0118, 73.0179,
79.3648


 45.8969, 66.4760,
68.8544


 65.1661, 76.1130,
83.1545


 43.1287, 65.1175,
65.6259


 72.2902, 79.7059,
87.0925


 41.0563, 64.1155,
62.5284


 80.4263, 83.8181,
91.1815


 39.6001, 63.4291,
59.5574


 86.7985, 87.0187,
95.2925

 38.6471, 62.9999,
56.7064

 87.5492, 87.3190,
99.2458

 38.5073, 62.9382,
56.2317

 88.3203, 87.6274,
103.3063

 88.9996, 87.8991,
106.8832

Harmonies

Analogous

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



55.5728, 70.3943, 57.5154



53.7801, 70.3943, 75.7187



55.2856, 70.3943, 97.7003

Triad

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



53.7801, 70.3943, 75.7187



73.9033, 70.3943, 117.8073



74.5075, 70.3943, 47.0719

Complementary

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



53.7801, 70.3943, 75.7187



51.0897, 40.5953, 40.2677

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.



80.0541, 70.3943, 58.8595



53.7801, 70.3943, 75.7187



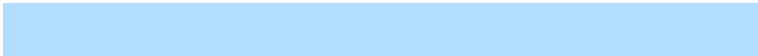
79.6877, 70.3943, 99.6114

Square

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



53.7801, 70.3943, 75.7187



66.5826, 70.3943, 124.5119



82.0145, 70.3943, 77.5837



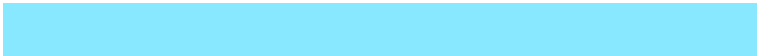
67.2338, 70.3943, 42.9541

Rectangle

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



53.7801, 70.3943, 75.7187



58.0238, 70.3943, 111.1429



82.0145, 70.3943, 77.5837



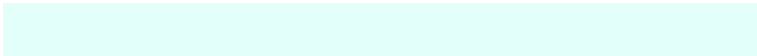
76.6550, 70.3943, 50.1486

Sweetspot

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



53.7821, 70.3971, 75.7203



84.5338, 94.6872, 103.5070



50.2346, 69.4098, 37.5392



17.8383, 20.1381, 22.0158



0.0000, 0.0000, 0.0000



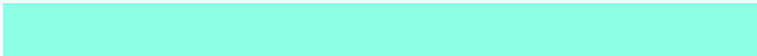
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7821, 70.3971, 75.7203



60.5074, 82.6240, 87.7940



49.5980, 57.8671, 87.1559



15.3735, 17.0642, 18.6499



21.4786, 35.0459, 31.5491



1.7206, 2.7656, 2.6565

Inverse Universe

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



51.0897, 40.5953, 40.2677



56.8486, 41.9762, 39.5062



53.8428, 48.6460, 33.3412



15.1956, 15.1061, 16.3152



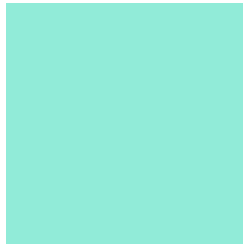
19.4213, 9.9712, 2.7540



1.5595, 0.7968, 0.3976

Previews

White Background



This preview shows how the XYZ color 53.7801, 70.3943, 75.7187 looks on a white background.

Color Contrast Check

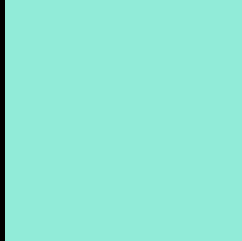
Large Text (above 18pt) WCAG AA × Fail

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 53.7801, 70.3943, 75.7187 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

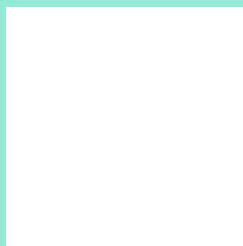
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7801, 70.3943, 75.7187

Background



This preview shows how black text looks on a background with the XYZ color 53.7801, 70.3943, 75.7187.



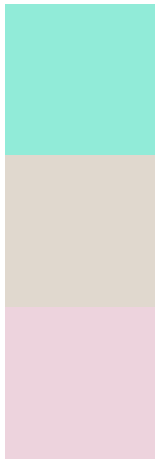
This preview shows how white text looks on a background with the XYZ color 53.7801, 70.3943,

75.7187.

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

53.7801, 70.3943, 75.7187

Protanopia

66.4369, 69.4153, 68.2894

Deuteranopia

71.2705, 69.8135, 78.1256



Tritanopia

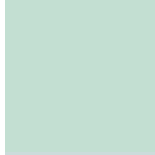
58.5326, 70.2055, 100.0886

Trichromacy



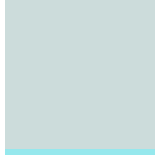
Original Color

53.7801, 70.3943, 75.7187



Protanomaly

60.5262, 69.0306, 71.1069



Deuteranomaly

63.2812, 69.1382, 77.0276



Tritanomaly

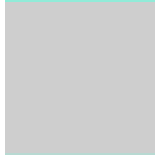
56.7204, 70.3117, 90.7028

Monochromacy



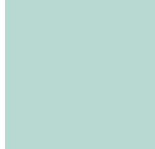
Original Color

53.7801, 70.3943, 75.7187



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.2129, 64.4692, 70.4538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7801, 70.3943, 75.7187 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(145, 235, 216)` looks like.

```
.text, #text, p{  
    color:rgb(145, 235, 216)  
}
```

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(145, 235, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 235, 216) }
```

Border

The CSS property to change the border of an element to XYZ 53.7801, 70.3943, 75.7187 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(145, 235, 216) }
```


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

```
.border{ border-color:rgb(145, 235, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 235, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 235, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 235, 216); box-shadow:4px 4px 4px 4px rgb(145, 235, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7801, 70.3943, 75.7187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 235, 216) }
```

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

```
.background{ background-color: rgb(145,  
235, 216) }
```

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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