

Converting Colors

XYZ(53.8739, 70.9436, 61.7163)

Have a look what the booklet for
XYZ(53.8739, 70.9436, 61.7163)
contains.

XYZ(53.7440, 70.6826, 61.8494)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.7440, 70.6826,
61.8494)**

Conversions

Conversions Part 1

Format	Color
Hex	9FEB C2
RGB	159, 235, 194
RGB Percent	62%, 92%, 76%
CMY	0.3765, 0.0784, 0.2392
CMYK	0.32, 0.00, 0.17, 0.08
HSL	148°, 66%, 77%
HSV	148°, 32%, 92%
XYZ	53.7440, 70.6826, 61.8494
YIQ	207.6020, -32.1350, -28.8630

Conversions

Conversions Part 2

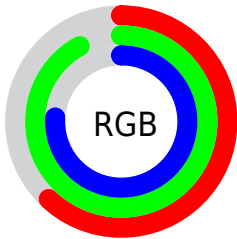
Format	Color
RYB	159, 211, 235
Decimal	10480578
CIELab	87.33, -31.93, 12.52
CIELCh	87, 34.297, 158.589
Yxy	70.6826, 0.2885, 0.3795
Android (android.graphics.Color)	4288670658 (0xFF9FEB2)
YUV	207.6020, -6.7058, -42.6240
Hunter-Lab	84.0729, -33.0207, 15.2336

Details

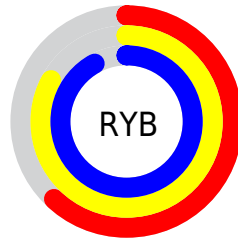
The XYZ color **53.7440, 70.6826, 61.8494** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **57.0868, 46.6303, 60.6382**, and the grayscale version is **59.7550, 62.8669, 68.4621**.

A 20% lighter version of the original color is **81.1969, 92.9321, 104.9249**, and **26.6794, 37.1369, 30.5729** is the 20% darker color. If you saturate the color by 10%, you get **48.1559, 67.9614, 54.4701**, and if you desaturate by 10%, it is **60.3433, 73.9150, 69.9133**.

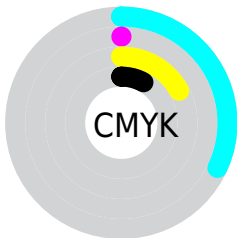
Distribution



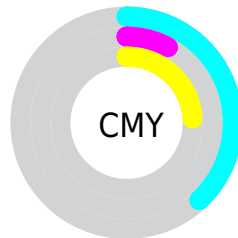
- Red (62%)
- Green (92%)
- Blue (76%)



- Red (62%)
- Yellow (83%)
- Blue (92%)



- Cyan (32%)
- Magenta (0%)
- Yellow (17%)
- Black (8%)





- Cyan (38%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7440, 70.6826, 61.8494 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 53.7440, 70.6826, 61.8494 by changing the saturation by 10% instead.


 53.7440, 70.6826,
61.8494


 53.7440, 70.6826,
61.8494


391.3474,
462.9431, 449.3740

 38.6269, 52.0832,
44.4760


 94.8574, 120.1817,
109.0773

 26.6490, 37.0714,
30.7050


 121.5843,
151.8502, 139.7690

 17.4450, 25.2628,
20.1177


152.9119,
188.6438, 175.7371

 10.6495, 16.2729,
12.2957

189.2056,
230.9470, 217.4002

 5.8972, 9.7175,
6.8204

230.8306,
279.1441, 265.1770

 2.8228, 5.2121,
3.2733

278.1523,

 1.0607, 2.3722,

333.6196, 319.4858

1.2358

331.5361,
394.7578, 380.7453

0.0000, 0.8115,
0.0083

0.0000, 0.0000,
0.0000

53.7440, 70.6826,
61.8494

53.7440, 70.6826,
61.8494

48.1559, 67.9614,
54.4701

60.3433, 73.9150,
69.9133

43.5200, 65.7153,
47.7523

67.9975, 77.6749,
78.6744

39.7796, 63.9177,
41.6786

76.7543, 81.9885,
88.1513

36.8694, 62.5350,
36.2287

86.6570, 86.8778,
98.3601

■ 34.7145, 61.5292,
31.3812

■ 88.9996, 87.8993,
106.8832

■ 33.2250, 60.8542,
27.1133

■ 32.4282, 60.5067,
24.2191

Harmonies

Analogous

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



57.9589, 70.6826, 47.1850



53.7440, 70.6826, 61.8494



52.9747, 70.6826, 83.7925

Triad

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



53.7440, 70.6826, 61.8494



69.5264, 70.6826, 129.8069



80.0573, 70.6826, 52.4335

Complementary

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



53.7440, 70.6826, 61.8494



57.0868, 46.6303, 60.6382

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.



83.7255, 70.6826, 70.5120



53.7440, 70.6826, 61.8494



77.3343, 70.6826, 117.1930

Square

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



53.7440, 70.6826, 61.8494



61.6740, 70.6826, 126.2010



82.6910, 70.6826, 94.3538



73.0079, 70.6826, 42.5544

Rectangle

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



53.7440, 70.6826, 61.8494



54.4549, 70.6826, 100.2504



82.6910, 70.6826, 94.3538



81.7514, 70.6826, 57.5910

Sweetspot

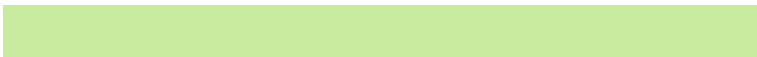
The Sweet Spot groups the original color and five complimentary colors.



53.7459, 70.6855, 61.8510



84.1464, 94.6258, 97.2391



60.0024, 74.3128, 43.9832



17.7062, 20.1039, 20.4775



0.0000, 0.0000, 0.0000



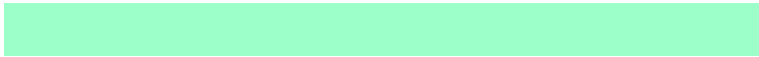
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7459, 70.6855, 61.8510



59.9669, 82.7765, 68.2898



58.4608, 72.5715, 86.6792



15.1569, 16.9776, 17.5089



18.1099, 33.6984, 13.8097



1.4701, 2.6654, 1.3376

Inverse Universe

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



57.0868, 46.6303, 60.6382



64.5868, 49.4997, 66.6034



53.2541, 45.0972, 40.4553



15.4053, 15.1900, 17.4196



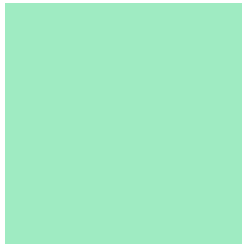
21.2571, 10.7055, 12.4210



1.7177, 0.8600, 1.2307

Previews

White Background



This preview shows how the XYZ color 53.7440, 70.6826, 61.8494 looks on a white background.

Color Contrast Check

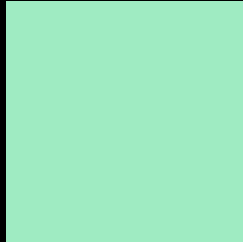
Large Text (above 18pt) WCAG AA × Fail

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 53.7440, 70.6826, 61.8494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

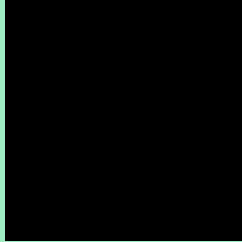
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7440, 70.6826, 61.8494

Background



This preview shows how black text looks on a background with the XYZ color 53.7440, 70.6826, 61.8494.



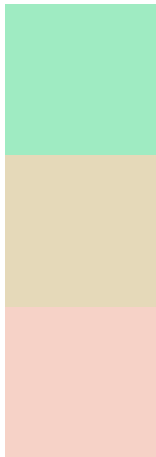
This preview shows how white text looks on a background with the XYZ color 53.7440, 70.6826,

61.8494.

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

53.7440, 70.6826, 61.8494

Protanopia

65.8829, 69.7865, 55.8967

Deuteranopia

71.3614, 69.8095, 63.7463



Tritanopia

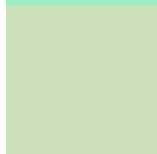
60.9555, 70.6867, 97.6200

Trichromacy



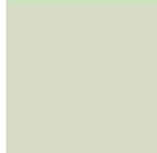
Original Color

53.7440, 70.6826, 61.8494



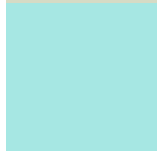
Protanomaly

60.6346, 69.7795, 57.8500



Deuteranomaly

63.1411, 68.9904, 62.8119



Tritanomaly

58.1669, 70.8049, 83.2740

Monochromacy



Original Color

53.7440, 70.6826, 61.8494



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.0861, 65.4018, 66.1150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7440, 70.6826, 61.8494 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(159, 235, 194)` looks like.

```
.text, #text, p{  
    color:rgb(159, 235, 194)  
}
```

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(159, 235, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 235, 194) }
```

Border

The CSS property to change the border of an element to XYZ 53.7440, 70.6826, 61.8494 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(159, 235, 194) }
```


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

```
.border{ border-color:rgb(159, 235, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 235, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 235, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 235, 194);  
box-shadow:4px 4px 4px 4px rgb(159, 235,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7440, 70.6826, 61.8494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 235, 194) }
```

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

```
.background{ background-color: rgb(159,  
235, 194) }
```

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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