

Converting Colors

XYZ(55.3854, 85.2715, 74.4343)

Have a look what the booklet for
XYZ(55.3854, 85.2715, 74.4343)
contains.

XYZ(52.0090, 78.5528, 73.3938)	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(52.0090, 78.5528,
73.3938)**

Conversions

Conversions Part 1

Format	Color
Hex	5EFFD2
RGB	94, 255, 210
RGB Percent	37%, 100%, 82%
CMY	0.6313, 0.0000, 0.1765
CMYK	0.63, 0.00, 0.18, 0.00
HSL	163°, 100%, 68%
HSV	163°, 63%, 100%
XYZ	52.0090, 78.5528, 73.3938
YIQ	201.7310, -81.5110, -48.1270

Conversions

Conversions Part 2

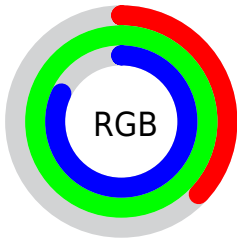
Format	Color
R_{YB}	94, 188, 255
Decimal	6225874
CIE _{Lab}	91.03, -52.38, 9.18
CIE _{LCh}	91, 53.178, 170.062
Yxy	78.5528, 0.2550, 0.3851
Android (android.graphics.Color)	4284415954 (0xFF5E _{FF} D2)
YUV	201.7310, 4.0766, -94.4801
Hunter-Lab	88.6300, -50.3569, 12.9434

Details

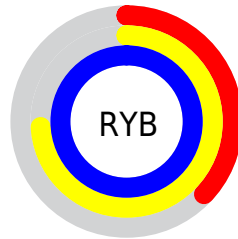
The XYZ color **52.0090, 78.5528, 73.3938** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **49.9038, 31.1308, 27.8064**, and the grayscale version is **55.9839, 58.8994, 64.1414**.

A 20% lighter version of the original color is **68.1081, 86.1109, 107.6391**, and **25.9670, 42.3328, 38.2549** is the 20% darker color. If you saturate the color by 10%, you get **48.9439, 77.0731, 68.7187**, and if you desaturate by 10%, it is **55.9787, 80.4944, 78.3205**.

Distribution



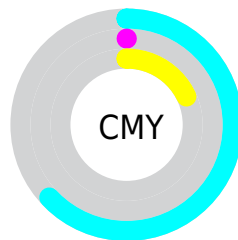
- Red (37%)
- Green (100%)
- Blue (82%)



- Red (37%)
- Yellow (74%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (63%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0090, 78.5528, 73.3938 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 52.0090, 78.5528, 73.3938 by changing the saturation by 10% instead.


 52.0090, 78.5528,
73.3938


 52.0090, 78.5528,
73.3938


384.7947,
490.0422, 491.4859


 37.2365, 58.5282,
53.8042


 92.3187, 131.3291,
125.7622


 25.5652, 42.2334,
38.0531


 118.5866,
164.8496, 159.3781

 16.6296, 29.2841,
25.7217

 149.4170,
203.6375, 198.5066

 10.0644, 19.2959,
16.3917

 185.1754,
248.0772, 243.5661

 5.5043, 11.8843,
9.6444

226.2270,
298.5532, 294.9753

 2.5838, 6.6649,
5.0613

272.9371,

 0.9377, 3.2534,

355.4497, 353.1526

2.2239

325.6713,
419.1512, 418.5166

■ 0.0000, 1.2654,
0.6881

■ 0.0000, 0.1142,
0.0000

■ 52.0090, 78.5528,
73.3938

■ 52.0090, 78.5528,
73.3938

■ 48.9439, 77.0731,
68.7187

■ 55.9787, 80.4944,
78.3205

■ 46.6916, 76.0078,
64.2840


■ 60.9276, 82.9361,
83.5007


■ 45.1444, 75.3015,
60.0835

■ 66.9254, 85.9138,
88.9416

■ 44.3831, 74.9693,
57.3288

■ 74.0345, 89.4598,
94.6487

 82.3124, 93.6034,
100.6271

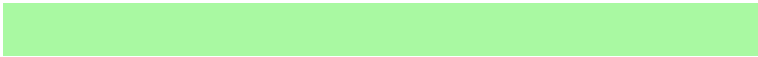
 91.8124, 98.3723,
106.8817

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



56.5639, 78.5528, 46.3025



52.0090, 78.5528, 73.3938



52.9412, 78.5528, 113.4860

Triad

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



52.0090, 78.5528, 73.3938



83.8737, 78.5528, 175.4836



92.4932, 78.5528, 40.4401

Complementary

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



52.0090, 78.5528, 73.3938



49.9038, 31.1308, 27.8064

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.



101.6347, 78.5528, 62.5902



52.0090, 78.5528, 73.3938



96.2595, 78.5528, 142.3213

Square

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



52.0090, 78.5528, 73.3938



70.2944, 78.5528, 180.9935



103.0901, 78.5528, 98.9368



79.2071, 78.5528, 31.4150

Rectangle

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



52.0090, 78.5528, 73.3938



56.5939, 78.5528, 142.4941



103.0901, 78.5528, 98.9368



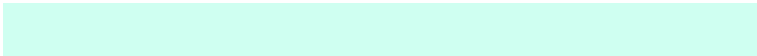
96.2168, 78.5528, 46.2209

Sweetspot

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



52.0099, 78.5533, 73.3952



77.3123, 91.0990, 97.0874



48.5322, 77.8709, 23.0639



16.0581, 19.2539, 20.4185



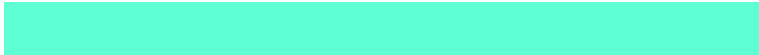
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.0099, 78.5533, 73.3952



48.2197, 76.7276, 67.4236



48.2910, 60.8484, 103.8075



18.3256, 20.3898, 22.0174



23.2580, 39.1998, 30.3076



2.3111, 3.8354, 3.1962

Inverse Universe

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



49.9038, 31.1308, 27.8064



46.0351, 25.8652, 18.8969



51.0962, 37.7394, 15.1826



18.2180, 18.0705, 19.7652



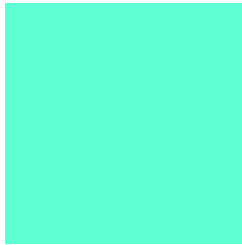
22.2019, 11.3701, 4.4477



2.2058, 1.1247, 0.6653

Previews

White Background



This preview shows how the XYZ color 52.0090, 78.5528, 73.3938 looks on a white background.

Color Contrast Check

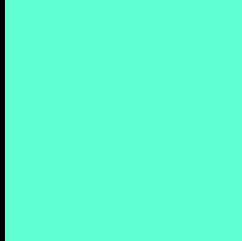
Large Text (above 18pt) WCAG AA × Fail

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 52.0090, 78.5528, 73.3938 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

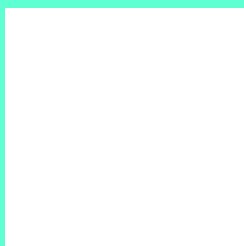
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0090, 78.5528, 73.3938

Background



This preview shows how black text looks on a background with the XYZ color 52.0090, 78.5528, 73.3938.

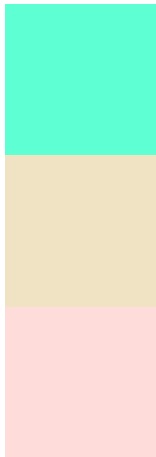


This preview shows how white text looks on a background with the XYZ color 52.0090, 78.5528,

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

52.0090, 78.5528, 73.3938

Protanopia

72.9160, 77.2290, 62.6934

Deuteranopia

78.7561, 77.1310, 77.0665



Tritanopia

64.6096, 77.9171, 106.2420

Trichromacy



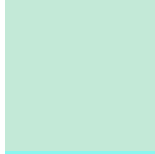
Original Color

52.0090, 78.5528, 73.3938



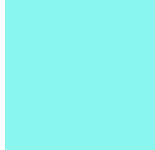
Protanomaly

60.9592, 75.1776, 65.9414



Deuteranomaly

63.9103, 74.7862, 75.3567



Tritanomaly

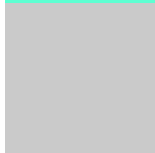
59.0170, 77.5468, 93.5189

Monochromacy



Original Color

52.0090, 78.5528, 73.3938



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

51.9802, 63.9072, 67.3533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0090, 78.5528, 73.3938 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(94, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(94, 255, 210)  
}
```

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(94, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 52.0090, 78.5528, 73.3938 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(94, 255, 210) }
```


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

```
.border{ border-color:rgb(94, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(94, 255,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0090, 78.5528, 73.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 255, 210) }
```

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

```
.background{ background-color: rgb(94, 255,  
210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor