

Converting Colors

XYZ(53.0353, 64.4993, 73.8280)

Have a look what the booklet for
XYZ(53.0353, 64.4993, 73.8280)
contains.

XYZ(53.0225, 64.3006, 73.9067)	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(53.0225, 64.3006,
73.9067)**

Conversions

Conversions Part 1

Format	Color
Hex	A2DDD7
RGB	162, 221, 215
RGB Percent	64%, 87%, 84%
CMY	0.3647, 0.1333, 0.1569
CMYK	0.27, 0.00, 0.03, 0.13
HSL	174°, 46%, 75%
HSV	174°, 27%, 87%
XYZ	53.0225, 64.3006, 73.9067
YIQ	202.6750, -33.2380, -14.3740

Conversions

Conversions Part 2

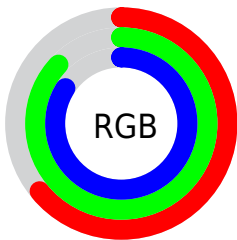
Format	Color
RYB	162, 193, 221
Decimal	10673623
CIELab	84.12, -19.96, -3.14
CIELCh	84, 20.205, 188.949
Yxy	64.3006, 0.2773, 0.3362
Android (android.graphics.Color)	4288863703 (0xFFA2DDD7)
YUV	202.6750, 6.0762, -35.6720
Hunter-Lab	80.1877, -22.2988, 1.4854

Details

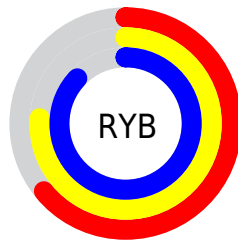
The XYZ color **53.0225, 64.3006, 73.9067** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.8093, 44.0417, 42.9240**, and the grayscale version is **56.5405, 59.4850, 64.7792**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **26.1657, 32.9986, 38.2480** is the 20% darker color. If you saturate the color by 10%, you get **48.6353, 62.0737, 72.2047**, and if you desaturate by 10%, it is **58.2064, 66.9410, 75.6694**.

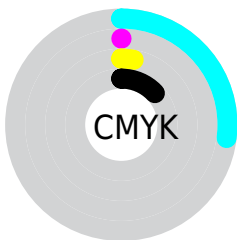
Distribution



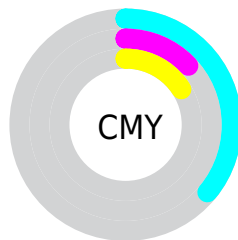
- Red (64%)
- Green (87%)
- Blue (84%)



- Red (64%)
- Yellow (76%)
- Blue (87%)



- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)





- Cyan (36%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0225, 64.3006, 73.9067 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 53.0225, 64.3006, 73.9067 by changing the saturation by 10% instead.


 53.0225, 64.3006,
73.9067


 53.0225, 64.3006,
73.9067


388.6309,
440.2744, 493.3061

 38.0483, 46.8942,
54.2214


 93.8028, 111.0437,
126.4964

 26.1975, 32.9520,
38.3843

 120.3396,
141.1492, 160.2378

 17.1049, 22.0897,
25.9769


151.4613,
176.2566, 199.5016

 10.4051, 13.9228,
16.5808

187.5333,
216.7501, 244.7064

 5.7327, 8.0670,
9.7773

228.9209,
263.0143, 296.2707

 2.7223, 4.1379,
5.1479

275.9894,

 1.0087, 1.7510,

315.4334, 354.6130

2.2740

329.1043,
374.3920, 420.1520

■ 0.0000, 0.4563,
0.7166

■ 0.0000, 0.0000,
0.0000

■ 53.0225, 64.3006,
73.9067

■ 53.0225, 64.3006,
73.9067

■ 48.6353, 62.0737,
72.2047

■ 58.2064, 66.9410,
75.6694

■ 44.9978, 60.2312,
70.5572

■ 64.2196, 70.0069,
77.4904

■ 42.0668, 58.7525,
68.9632

■ 71.0999, 73.5193,
79.3728

■ 39.7925, 57.6118,
67.4205

■ 78.8809, 77.4955,
81.3184

■ 38.1184, 56.7802,
65.9262

■ 80.8585, 78.4796,
83.0134

■ 36.9785, 56.2234,
64.4773

■ 81.1696, 78.6040,
84.6516

■ 36.2883, 55.8980,
63.0696

■ 81.4848, 78.7301,
86.3111

■ 36.1107, 55.8164,
62.6115

■ 81.8040, 78.8577,
87.9922

■ 82.1273, 78.9871,
89.6948

Harmonies

Analogous

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



53.4497, 64.3006, 61.5482



53.0225, 64.3006, 73.9067



54.6802, 64.3006, 86.6314

Triad

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



53.0225, 64.3006, 73.9067



66.6723, 64.3006, 90.9243



64.2512, 64.3006, 49.4843

Complementary

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



53.0225, 64.3006, 73.9067



49.8093, 44.0417, 42.9240

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.



68.0375, 64.3006, 55.6675



53.0225, 64.3006, 73.9067



69.4819, 64.3006, 79.2192

Square

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



53.0225, 64.3006, 73.9067



62.4608, 64.3006, 97.2127



69.9934, 64.3006, 66.2574



59.7902, 64.3006, 48.4276

Rectangle

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



53.0225, 64.3006, 73.9067



56.7943, 64.3006, 93.2559



69.9934, 64.3006, 66.2574



65.6511, 64.3006, 50.9926

Sweetspot

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



53.0244, 64.3032, 73.9082



87.6066, 96.2012, 106.8168



48.7172, 62.7463, 43.7272



18.4705, 20.4477, 22.7807



0.0000, 0.0000, 0.0000



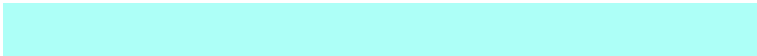
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0244, 64.3032, 73.9082



69.8241, 87.1467, 100.8926



48.2352, 53.4676, 76.1876



13.3848, 14.8055, 16.4892



21.0007, 32.4329, 36.4988



1.3774, 2.1079, 2.4532

Inverse Universe

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



49.8093, 44.0417, 42.9240



64.6731, 54.6659, 51.2375



53.6115, 52.5207, 41.4955



13.1096, 13.0729, 13.8384



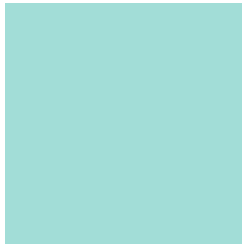
17.4284, 8.9724, 1.3703



1.1478, 0.5888, 0.1872

Previews

White Background



This preview shows how the XYZ color 53.0225, 64.3006, 73.9067 looks on a white background.

Color Contrast Check

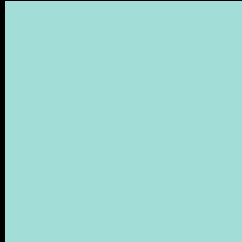
Large Text (above 18pt) WCAG AA × Fail

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 53.0225, 64.3006, 73.9067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

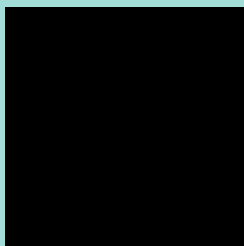
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

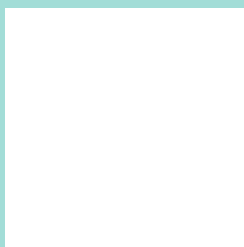
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0225, 64.3006, 73.9067

Background



This preview shows how black text looks on a background with the XYZ color 53.0225, 64.3006, 73.9067.

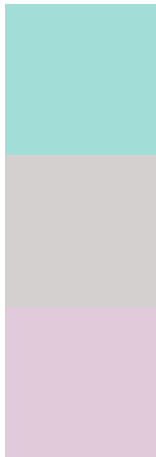


This preview shows how white text looks on a background with the XYZ color 53.0225, 64.3006,

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

53.0225, 64.3006, 73.9067

Protanopia

61.3816, 63.8120, 68.7563

Deuteranopia

65.1935, 63.8339, 75.9029



Tritanopia

55.7927, 64.2480, 88.0578

Trichromacy



Original Color

53.0225, 64.3006, 73.9067

Protanomaly

57.8003, 63.7610, 70.8887

Deuteranomaly

60.0586, 63.7117, 75.4618

Tritanomaly

54.8522, 64.2638, 82.9119

Monochromacy



Original Color

53.0225, 64.3006, 73.9067

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.0481, 61.2895, 67.9602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0225, 64.3006, 73.9067 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(162, 221, 215)` looks like.

```
.text, #text, p{  
    color:rgb(162, 221, 215)  
}
```

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(162, 221, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 221, 215) }
```

Border

The CSS property to change the border of an element to XYZ 53.0225, 64.3006, 73.9067 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(162, 221, 215) }
```


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

```
.border{ border-color:rgb(162, 221, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 221, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 221, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 221, 215);  
box-shadow:4px 4px 4px 4px rgb(162, 221,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0225, 64.3006, 73.9067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 221, 215) }
```

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

```
.background{ background-color: rgb(162,  
221, 215) }
```

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