

Converting Colors

XYZ(30.9884, 42.9083, 54.2293)

Have a look what the booklet for
XYZ(30.9884, 42.9083, 54.2293)
contains.

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Color

**XYZ(30.9873, 42.9079,
54.2258)**

Conversions

Conversions Part 1

Format	Color
Hex	4DC0BC
RGB	77, 192, 188
RGB Percent	30%, 75%, 74%
CMY	0.6980, 0.2470, 0.2627
CMYK	0.60, 0.00, 0.02, 0.25
HSL	178°, 48%, 53%
HSV	178°, 60%, 75%
XYZ	30.9873, 42.9079, 54.2258
YIQ	157.1590, -67.2560, -25.6240

Conversions

Conversions Part 2

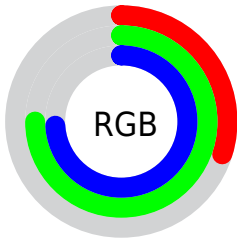
Format	Color
RYB	77, 136, 192
Decimal	5095612
CIELab	71.49, -33.00, -7.68
CIELCh	71, 33.878, 193.105
Yxy	42.9079, 0.2419, 0.3349
Android (android.graphics.Color)	4283285692 (0xFF4DC0BC)
YUV	157.1590, 15.2046, -70.2994
Hunter-Lab	65.5041, -30.1912, -3.2287

Details

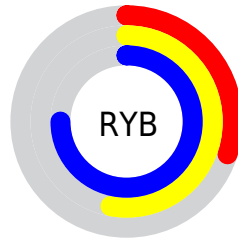
The XYZ color **30.9873, 42.9079, 54.2258** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **25.8788, 17.1096, 9.7245**, and the grayscale version is **32.0760, 33.7465, 36.7499**.

A 20% lighter version of the original color is **60.6860, 79.6863, 97.7705**, and **13.4617, 19.9262, 26.0583** is the 20% darker color. If you saturate the color by 10%, you get **29.5893, 42.1965, 53.7862**, and if you desaturate by 10%, it is **32.8453, 43.8584, 54.6906**.

Distribution



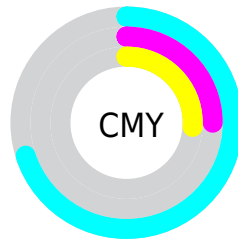
- Red (30%)
- Green (75%)
- Blue (74%)



- Red (30%)
- Yellow (53%)
- Blue (75%)



- Cyan (60%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (70%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9873, 42.9079, 54.2258 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 30.9873, 42.9079, 54.2258 by changing the saturation by 10% instead.

■ 30.9873, 42.9079,
54.2258

■ 30.9873, 42.9079,
54.2258

298.3077,
358.2329, 420.1694

■ 20.7410, 29.8129,
38.3878

■ 60.5961, 79.5719,
97.8654

■ 13.0462, 19.6966,
25.9797

■ 80.6892, 103.9096,
126.5042

■ 7.5376, 12.1747,
16.5828

■ 104.7953,
132.7636, 160.2469

■ 3.8498, 6.8628,
9.7787

■ 133.2797,
166.5184, 199.5122

■ 1.6175, 3.3764,
5.1488

166.5078,
205.5583, 244.7185

■ 0.4038, 1.3313,
2.2746

204.8449,

■ 0.0000, 0.1652,

250.2678, 296.2845

0.7169

248.6565,
301.0312, 354.6286

■ 0.0000, 0.0000,
0.0000

■ 30.9873, 42.9079,
54.2258

■ 30.9873, 42.9079,
54.2258

■ 29.5893, 42.1965,
53.7862

■ 32.8453, 43.8584,
54.6906

■ 28.6059, 41.6978,
53.3667

■ 35.1961, 45.0619,
55.1793

■ 27.9894, 41.3882,
52.9662

■ 38.0737, 46.5369,
55.6943

■ 27.6446, 41.2186,
52.5801

■ 41.5081, 48.2990,
56.2372

■ 27.6413, 41.2170,
52.5760

■ 45.5271, 50.3623,
56.8092

■ 50.1567, 52.7404,
57.4115

■ 55.4210, 55.4457,
58.0452

■ 61.3433, 58.4901,
58.7116

■ 67.9452, 61.8849,
59.4114

Harmonies

Analogous

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



31.1442, 42.9079, 38.1555



30.9873, 42.9079, 54.2258



33.2730, 42.9079, 71.6985

Triad

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



30.9873, 42.9079, 54.2258



48.7636, 42.9079, 73.6752



44.0610, 42.9079, 22.6095

Complementary

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



30.9873, 42.9079, 54.2258



25.8788, 17.1096, 9.7245

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.



49.3450, 42.9079, 28.3422



30.9873, 42.9079, 54.2258



52.2290, 42.9079, 56.4775

Square

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



30.9873, 42.9079, 54.2258



43.3257, 42.9079, 84.5714



52.4512, 42.9079, 39.9398



38.3411, 42.9079, 22.2790

Rectangle

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



30.9873, 42.9079, 54.2258



36.0101, 42.9079, 80.7897



52.4512, 42.9079, 39.9398



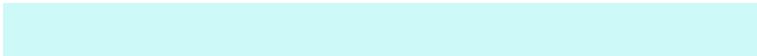
45.9593, 42.9079, 23.8943

Sweetspot

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



30.9886, 42.9095, 54.2268



76.3040, 88.0747, 102.0579



23.7358, 40.0644, 13.5044



15.9440, 18.6764, 21.8312



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



30.9886, 42.9095, 54.2268



52.9526, 76.1199, 97.2024



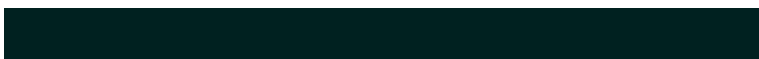
21.9911, 24.2145, 53.3858



10.3529, 11.4222, 12.8617



18.6052, 27.7361, 35.4096



0.8087, 1.2003, 1.5553

Inverse Universe

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



25.8788, 17.1096, 9.7245



42.8896, 25.2074, 9.4851



30.8967, 27.3787, 10.6784



10.0871, 10.0834, 10.5491



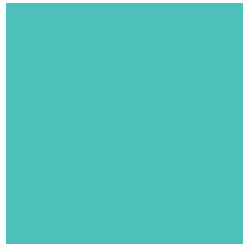
14.6581, 7.5530, 0.8458



0.6383, 0.3283, 0.0629

Previews

White Background



This preview shows how the XYZ color 30.9873, 42.9079, 54.2258 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 30.9873, 42.9079, 54.2258 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

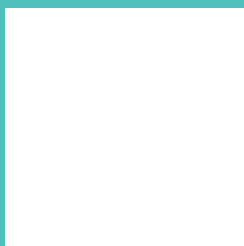
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9873, 42.9079, 54.2258

Background



This preview shows how black text looks on a background with the XYZ color 30.9873, 42.9079, 54.2258.

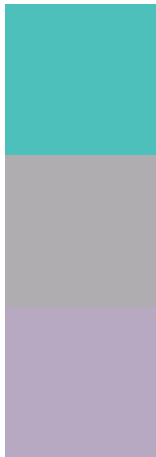


This preview shows how white text looks on a background with the XYZ color 30.9873, 42.9079,

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

30.9873, 42.9079, 54.2258

Protanopia

40.7839, 42.2916, 47.6085

Deuteranopia

43.1050, 42.1713, 56.3201



Tritanopia

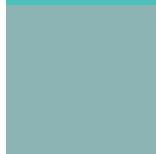
32.8732, 42.6878, 64.2646

Trichromacy



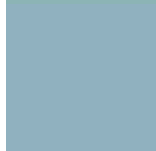
Original Color

30.9873, 42.9079, 54.2258



Protanomaly

35.4770, 41.5542, 49.8670



Deuteranomaly

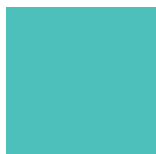
36.6277, 41.1352, 55.2996



Tritanomaly

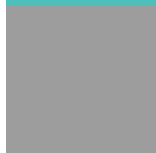
32.1156, 42.6998, 60.5820

Monochromacy



Original Color

30.9873, 42.9079, 54.2258



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

30.3447, 36.1658, 42.4271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9873, 42.9079, 54.2258 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(77, 192, 188)` looks like.

```
.text, #text, p{  
    color:rgb(77, 192, 188)  
}
```

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(77, 192, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 192, 188) }
```

Border

The CSS property to change the border of an element to XYZ 30.9873, 42.9079, 54.2258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

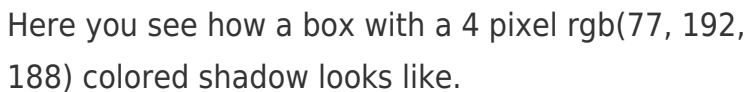
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(77, 192, 188) }
```


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

```
.border{ border-color:rgb(77, 192, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(77, 192, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 192, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 192, 188);  
box-shadow:4px 4px 4px 4px rgb(77, 192,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9873, 42.9079, 54.2258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 192, 188) }
```

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

```
.background{ background-color: rgb(77, 192,  
188) }
```

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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