

Converting Colors

XYZ(42.3674, 53.2061, 65.0271)

Have a look what the booklet for
XYZ(42.3674, 53.2061, 65.0271)
contains.

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Color

**XYZ(42.4861, 53.4078,
65.1962)**

Conversions

Conversions Part 1

Format	Color
Hex	84CECC
RGB	132, 206, 204
RGB Percent	52%, 81%, 80%
CMY	0.4823, 0.1921, 0.2000
CMYK	0.36, 0.00, 0.01, 0.19
HSL	178°, 43%, 66%
HSV	178°, 36%, 81%
XYZ	42.4861, 53.4078, 65.1962
YIQ	183.6460, -43.4620, -16.3100

Conversions

Conversions Part 2

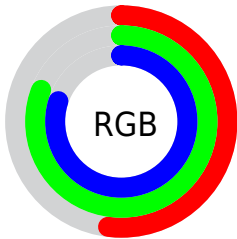
Format	Color
RYB	132, 170, 206
Decimal	8703692
CIELab	78.12, -23.37, -6.30
CIELCh	78, 24.203, 195.098
Yxy	53.4078, 0.2637, 0.3315
Android (android.graphics.Color)	4286893772 (0xFF84CECC)
YUV	183.6460, 10.0345, -45.2935
Hunter-Lab	73.0806, -24.1185, -1.7369

Details

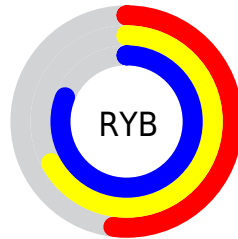
The XYZ color **42.4861, 53.4078, 65.1962** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0098, 31.3471, 26.6035**, and the grayscale version is **45.3296, 47.6903, 51.9347**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **19.6322, 25.9130, 32.8211** is the 20% darker color. If you saturate the color by 10%, you get **39.5110, 51.8831, 64.7097**, and if you desaturate by 10%, it is **46.1006, 55.2647, 65.7162**.

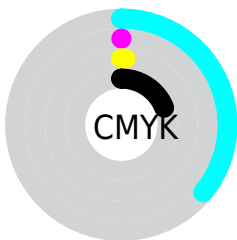
Distribution



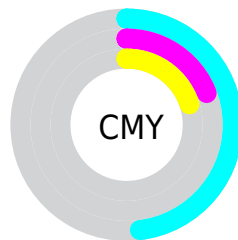
- Red (52%)
- Green (81%)
- Blue (80%)



- Red (52%)
- Yellow (67%)
- Blue (81%)



- Cyan (36%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (48%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4861, 53.4078, 65.1962 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 42.4861, 53.4078, 65.1962 by changing the saturation by 10% instead.

■ 42.4861, 53.4078,
65.1962

■ 42.4861, 53.4078,
65.1962

347.4515,
399.8477, 461.8222

■ 29.6749, 38.1284,
47.1678

■ 78.1953, 95.2042,
113.9479

■ 19.7388, 26.0824,
32.8131

■ 101.8241,
122.4899, 145.5082

■ 12.3125, 16.8853,
21.7133

■ 129.7894,
154.5466, 182.4164

■ 7.0306, 10.1527,
13.4501

162.4566,
191.7587, 225.0908

■ 3.5277, 5.5003,
7.6049

200.1910,
234.5104, 273.9500

■ 1.4386, 2.5437,
3.7590

243.3581,

■ 0.2835, 0.8985,

283.1862, 329.4127

1.4941

292.3231,
338.1705, 391.8972

■ 0.0000, 0.0000,
0.2135

■ 0.0000, 0.0000,
0.0000

■ 42.4861, 53.4078,
65.1962

■ 42.4861, 53.4078,
65.1962

■ 39.5110, 51.8831,
64.7097

■ 46.1006, 55.2647,
65.7162

■ 37.1331, 50.6649,
64.2512

■ 50.3844, 57.4653,
66.2676

■ 35.3123, 49.7339,
63.8201

■ 55.3711, 60.0283,
66.8531

■ 34.0017, 49.0659,
63.4141

■ 61.0907, 62.9690,
67.4742

■ 33.1468, 48.6328,
63.0306

■ 67.5714, 66.3021,
68.1322

■ 32.6797, 48.3996,
62.6666

■ 74.6171, 69.9264,
68.8179

■ 32.5478, 48.3347,
62.5212

■ 74.6855, 69.9538,
69.1783

■ 74.7542, 69.9812,
69.5400

■ 74.8231, 70.0088,
69.9029

Harmonies

Analogous

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



42.4790, 53.4078, 51.7137



42.4861, 53.4078, 65.1962



44.6153, 53.4078, 78.5983

Triad

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



42.4861, 53.4078, 65.1962



57.4737, 53.4078, 78.5216



53.1351, 53.4078, 36.4569

Complementary

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



42.4861, 53.4078, 65.1962



38.0098, 31.3471, 26.6035

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.



57.4499, 53.4078, 41.5999



42.4861, 53.4078, 65.1962



60.0585, 53.4078, 65.1037

Square

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



42.4861, 53.4078, 65.1962



53.1660, 53.4078, 87.0657



60.0495, 53.4078, 51.6344



48.4326, 53.4078, 36.4737

Rectangle

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



42.4861, 53.4078, 65.1962



47.0321, 53.4078, 85.0902



60.0495, 53.4078, 51.6344



54.6851, 53.4078, 37.5996

Sweetspot

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



42.4877, 53.4099, 65.1974



85.3508, 95.0140, 107.8095



36.1438, 50.9175, 29.7540



18.0343, 20.2165, 23.0479



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.



42.4877, 53.4099, 65.1974



65.0747, 84.6020, 105.0229



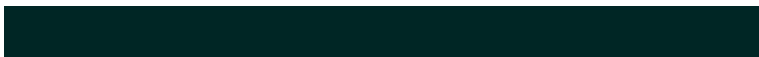
35.3091, 38.6659, 63.9972



11.5297, 12.7216, 14.3466



20.0472, 29.7642, 38.5293



1.0384, 1.5372, 2.0100

Inverse Universe

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



38.0098, 31.3471, 26.6035



56.7894, 43.7661, 33.6033



43.3537, 42.2564, 27.7022



11.2244, 11.2185, 11.7164



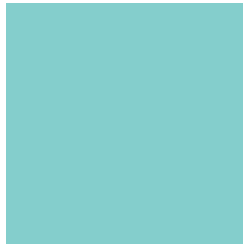
15.6981, 8.0898, 0.8629



0.8142, 0.4191, 0.0677

Previews

White Background



This preview shows how the XYZ color 42.4861, 53.4078, 65.1962 looks on a white background.

Color Contrast Check

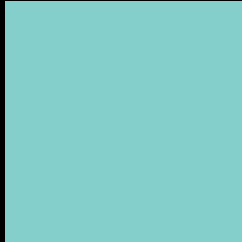
Large Text (above 18pt) WCAG AA × Fail

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 42.4861, 53.4078, 65.1962 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 42.4861, 53.4078, 65.1962

Background



This preview shows how black text looks on a background with the XYZ color 42.4861, 53.4078, 65.1962.

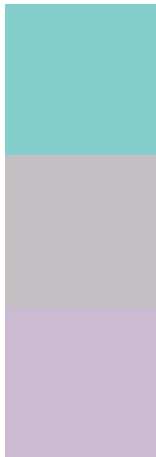


This preview shows how white text looks on a background with the XYZ color 42.4861, 53.4078,

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

42.4861, 53.4078, 65.1962

Protanopia

50.9868, 52.8038, 59.1346

Deuteranopia

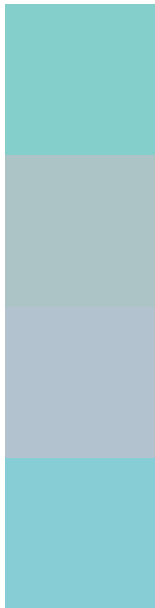
54.0573, 52.9321, 67.0423



Tritanopia

44.6645, 53.5873, 75.6995

Trichromacy



Original Color

42.4861, 53.4078, 65.1962

Protanomaly

46.9462, 52.3277, 61.0520

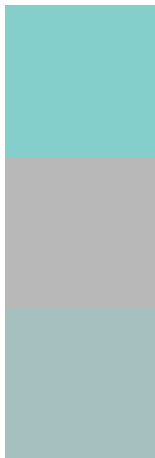
Deuteranomaly

48.9144, 52.5535, 66.5973

Tritanomaly

43.9606, 53.6686, 71.6604

Monochromacy



Original Color

42.4861, 53.4078, 65.1962

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.7707, 49.4602, 56.5300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4861, 53.4078, 65.1962 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(132, 206, 204)` looks like.

```
.text, #text, p{  
    color:rgb(132, 206, 204)  
}
```

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(132, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 206, 204) }
```

Border

The CSS property to change the border of an element to XYZ 42.4861, 53.4078, 65.1962 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(132, 206, 204) }
```


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

```
.border{ border-color:rgb(132, 206, 204) }
```

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

Here you see how a box with a 4 pixel rgb(132, 206, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(132, 206,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4861, 53.4078, 65.1962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 206, 204) }
```

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

```
.background{ background-color: rgb(132,  
206, 204) }
```

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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