

# Converting Colors

XYZ(53.8217, 65.8990, 74.1731)

Have a look what the booklet for  
XYZ(53.8217, 65.8990, 74.1731)  
contains.

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# Color

**XYZ(53.8217, 65.8990,  
74.1731)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2E0D7
RGB	162, 224, 215
RGB Percent	64%, 88%, 84%
CMY	0.3647, 0.1216, 0.1569
CMYK	0.28, 0.00, 0.04, 0.12
HSL	171°, 50%, 76%
HSV	171°, 28%, 88%
XYZ	53.8217, 65.8990, 74.1731
YIQ	204.4360, -34.0630, -15.9430

# Conversions

## Conversions Part 2

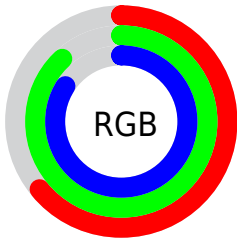
Format	Color
<b>RYB</b>	162, 195, 224
Decimal	10674391
CIELab	84.94, -21.45, -1.94
CIELCh	85, 21.535, 185.156
Yxy	65.8990, 0.2776, 0.3399
Android (android.graphics.Color)	4288864471 (0xFFA2E0D7)
YUV	204.4360, 5.2081, -37.2164
Hunter-Lab	81.1782, -23.7151, 2.6510

# Details

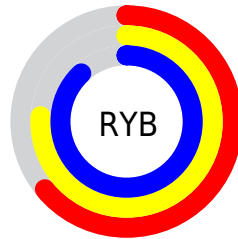
The XYZ color **53.8217, 65.8990, 74.1731** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.0138, 44.6300, 44.4564**, and the grayscale version is **57.6554, 60.6580, 66.0565**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **26.7175, 34.1021, 38.4319** is the 20% darker color. If you saturate the color by 10%, you get **49.2571, 63.5954, 71.8006**, and if you desaturate by 10%, it is **59.2089, 68.6291, 76.6303**.

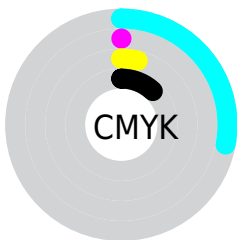
# Distribution



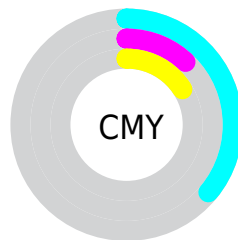
- Red (64%)
- Green (88%)
- Blue (84%)



- Red (64%)
- Yellow (76%)
- Blue (88%)



- Cyan (28%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)




- Cyan (36%)
- Magenta (12%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8217, 65.8990, 74.1731 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 53.8217, 65.8990, 74.1731 by changing the saturation by 10% instead.




 53.8217, 65.8990,  
74.1731


 53.8217, 65.8990,  
74.1731


391.6392,  
446.0156, 494.2500

 38.6892, 48.1904,  
54.4381


 94.9708, 113.3414,  
126.8775

 26.6977, 33.9777,  
38.5565


 121.7182,  
143.8439, 160.6839

 17.4817, 22.8765,  
26.1097


153.0679,  
179.3799, 200.0179

 10.6760, 14.5023,  
16.6792

189.3854,  
220.3338, 245.2979

 5.9151, 8.4709,  
9.8465

231.0358,  
267.0899, 296.9426

 2.8337, 4.3977,  
5.1930

278.3847,

 1.0664, 1.8984,

320.0326, 355.3705

2.3002

331.7974,  
379.5464, 421.0001

0.0000, 0.5474,  
0.7314

0.0000, 0.0000,  
0.0000

53.8217, 65.8990,  
74.1731

53.8217, 65.8990,  
74.1731

49.2571, 63.5954,  
71.8006

59.2089, 68.6291,  
76.6303

45.4665, 61.6881,  
69.5060


65.4528, 71.7983,  
79.1699


42.4045, 60.1555,  
67.2884


72.5928, 75.4283,  
81.7952


40.0190, 58.9707,  
65.1451


80.6638, 79.5374,  
84.5082


 38.2507, 58.1032,  
63.0731


 82.3580, 80.3581,  
86.9672


 37.0303, 57.5171,  
61.0688

 82.8225, 80.5439,  
89.4132

 36.2623, 57.1633,  
59.1275

 83.2956, 80.7331,  
91.9044

 36.1136, 57.0964,  
58.6843

 83.7773, 80.9258,  
94.4411

 84.2677, 81.1220,  
97.0234

# Harmonies

## Analogous

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



54.5690, 65.8990, 61.1340



53.8217, 65.8990, 74.1731



55.3350, 65.8990, 88.2077

# Triad

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



53.8217, 65.8990, 74.1731



68.1441, 65.8990, 95.8061



66.6242, 65.8990, 50.1954

# Complementary

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



53.8217, 65.8990, 74.1731



51.0138, 44.6300, 44.4564

# 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.



70.5504, 65.8990, 57.4832



53.8217, 65.8990, 74.1731



71.4591, 65.8990, 83.5351

# Square

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



53.8217, 65.8990, 74.1731



63.4745, 65.8990, 101.6828



72.3615, 65.8990, 69.3857



61.8030, 65.8990, 48.3607



# Rectangle

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



53.8217, 65.8990, 74.1731



57.4703, 65.8990, 95.9070



72.3615, 65.8990, 69.3857



68.1002, 65.8990, 52.0382

# Sweetspot

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



53.8236, 65.9017, 74.1746



87.4657, 96.1448, 106.0748



50.0393, 64.6143, 44.0181



18.4348, 20.4334, 22.5925



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

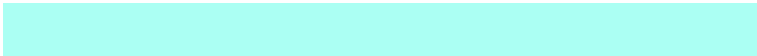


# Same Dimension

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



53.8236, 65.9017, 74.1746



68.6666, 86.6190, 97.7211



49.5478, 55.4474, 78.6151



14.0265, 15.5363, 17.1749



21.0530, 33.2460, 34.3317



1.4830, 2.3139, 2.5045



# Inverse Universe

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



51.0138, 44.6300, 44.4564



64.3290, 53.7509, 51.8216



54.3425, 52.6145, 41.4751



13.7879, 13.7328, 14.6533



18.0746, 9.2969, 1.7928

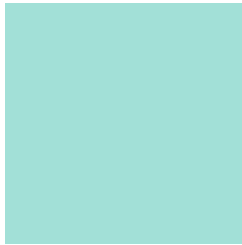


1.2788, 0.6548, 0.2610



# Previews

## White Background



This preview shows how the XYZ color 53.8217, 65.8990, 74.1731 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

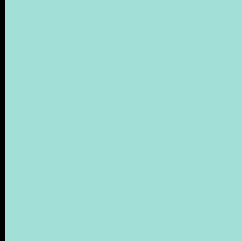
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.8217, 65.8990, 74.1731 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

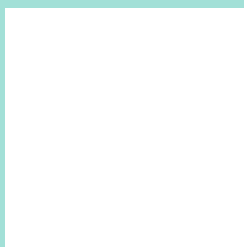
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 53.8217, 65.8990, 74.1731

## Background



This preview shows how black text looks on a background with the XYZ color 53.8217, 65.8990, 74.1731.



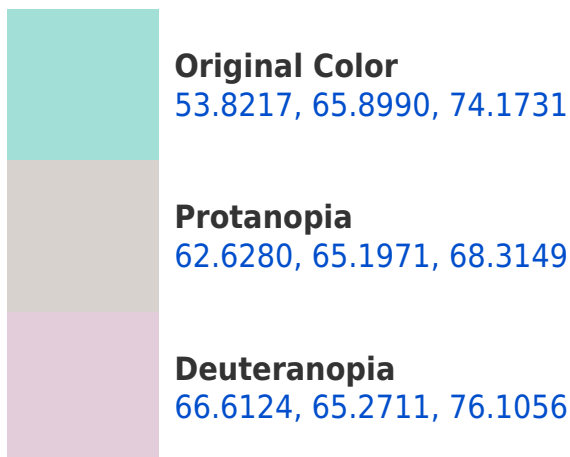
This preview shows how white text looks on a background with the XYZ color 53.8217, 65.8990,



# 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





## Tritanopia

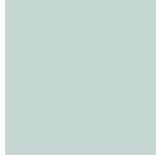
57.2254, 66.1014, 90.6317

# Trichromacy



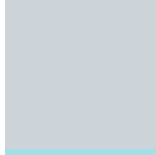
## Original Color

53.8217, 65.8990, 74.1731



## Protanomaly

58.6982, 64.9898, 70.4233



## Deuteranomaly

61.1002, 64.9863, 75.6529



## Tritanomaly

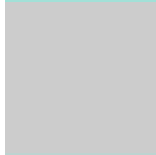
55.9213, 65.9551, 84.6461

# Monochromacy



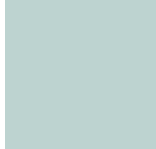
## Original Color

53.8217, 65.8990, 74.1731



## Achromatopsia

57.3938, 60.3827, 65.7568



## Achromatomaly

55.6657, 61.9614, 68.7004

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.8217, 65.8990, 74.1731 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, 224, 215)` looks like.

```
.text, #text, p{  
    color:rgb(162, 224, 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, 224, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 224, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 53.8217, 65.8990, 74.1731 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, 224, 215) }
```



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

```
.border{ border-color:rgb(162, 224, 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, 224, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 224, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 224, 215);  
box-shadow:4px 4px 4px 4px rgb(162, 224,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.8217, 65.8990, 74.1731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 224, 215) }
```

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

```
.background{ background-color: rgb(162,  
224, 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](#).

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