

Converting Colors

XYZ(53.8739, 64.4376, 70.6816)

Have a look what the booklet for
XYZ(53.8739, 64.4376, 70.6816)
contains.

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Color

**XYZ(53.8036, 64.3856,
70.5647)**

Conversions

Conversions Part 1

Format	Color
Hex	AADC D2
RGB	170, 220, 210
RGB Percent	67%, 86%, 82%
CMY	0.3333, 0.1372, 0.1765
CMYK	0.23, 0.00, 0.05, 0.14
HSL	168°, 42%, 76%
HSV	168°, 23%, 86%
XYZ	53.8036, 64.3856, 70.5647
YIQ	203.9100, -26.5900, -13.7100

Conversions

Conversions Part 2

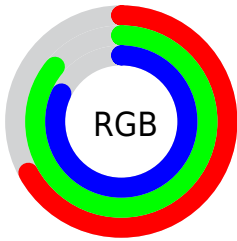
Format	Color
RYB	170, 198, 220
Decimal	11197650
CIELab	84.17, -18.14, -0.38
CIELCh	84, 18.141, 181.190
Yxy	64.3856, 0.2850, 0.3411
Android (android.graphics.Color)	4289387730 (0xFFAADC2)
YUV	203.9100, 3.0024, -29.7391
Hunter-Lab	80.2406, -20.7319, 4.0280

Details

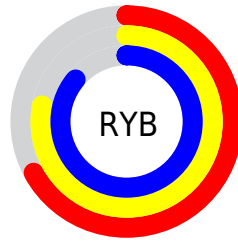
The XYZ color **53.8036, 64.3856, 70.5647** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.1304, 47.2620, 49.5575**, and the grayscale version is **57.3328, 60.3186, 65.6869**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **26.7920, 33.0925, 36.4279** is the 20% darker color. If you saturate the color by 10%, you get **48.8995, 61.9216, 67.5132**, and if you desaturate by 10%, it is **59.5223, 67.2712, 73.7358**.

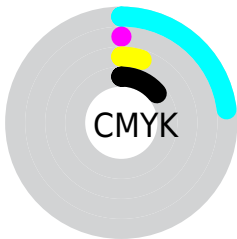
Distribution



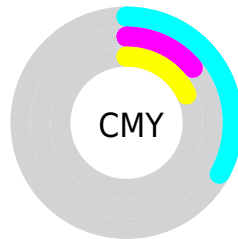
- Red (67%)
- Green (86%)
- Blue (82%)



- Red (67%)
- Yellow (78%)
- Blue (86%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (33%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8036, 64.3856, 70.5647 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 53.8036, 64.3856, 70.5647 by changing the saturation by 10% instead.

■ 53.8036, 64.3856,
70.5647

■ 53.8036, 64.3856,
70.5647

391.5712,
440.5808, 481.3729

■ 38.6747, 46.9631,
51.5074

■ 94.9444, 111.1661,
121.7024

■ 26.6864, 33.0065,
36.2330

121.6870,
141.2928, 154.6198

■ 17.4732, 22.1314,
24.3231

153.0316,
176.4230, 192.9944

■ 10.6698, 13.9535,
15.3591

189.3435,
216.9412, 237.2446

■ 5.9109, 8.0883,
8.9224

230.9880,
263.2316, 287.7890

■ 2.8311, 4.1515,
4.5945

278.3306,

■ 1.0651, 1.7587,

315.6788, 345.0462

1.9568

331.7365,
374.6670, 409.4346

■ 0.0000, 0.4612,
0.5285

■ 0.0000, 0.0000,
0.0000

■ 53.8036, 64.3856,
70.5647

■ 53.8036, 64.3856,
70.5647

■ 48.8995, 61.9216,
67.5132

■ 59.5223, 67.2712,
73.7358

■ 44.7648, 59.8509,
64.5744


■ 66.0872, 70.5895,
77.0245


■ 41.3583, 58.1538,
61.7472


■ 73.5345, 74.3610,
80.4345


■ 38.6326, 56.8060,
59.0287


■ 80.7833, 78.0283,
83.9157


 36.5345, 55.7801,
56.4157


 81.4009, 78.2754,
87.1677


 35.0030, 55.0445,
53.9048


 82.0341, 78.5286,
90.5022

 33.9643, 54.5614,
51.4919

 82.6831, 78.7882,
93.9198

 33.4302, 54.3231,
49.7942

 83.3480, 79.0542,
97.4210

 84.0289, 79.3265,
101.0064

Harmonies

Analogous

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



54.6831, 64.3856, 59.9882



53.8036, 64.3856, 70.5647



54.8319, 64.3856, 82.1799

Triad

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



53.8036, 64.3856, 70.5647



65.2791, 64.3856, 90.7534



64.9899, 64.3856, 52.4741

Complementary

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



53.8036, 64.3856, 70.5647



52.1304, 47.2620, 49.5575

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.



68.0357, 64.3856, 59.2749



53.8036, 64.3856, 70.5647



68.2077, 64.3856, 81.2997

Square

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



53.8036, 64.3856, 70.5647



61.3569, 64.3856, 94.5937



69.2375, 64.3856, 69.6472



61.0365, 64.3856, 50.2556

Rectangle

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



53.8036, 64.3856, 70.5647



56.4880, 64.3856, 88.7677



69.2375, 64.3856, 69.6472



66.1598, 64.3856, 54.2605

Sweetspot

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



53.8054, 64.3882, 70.5662



88.2155, 96.5425, 105.6070



51.8679, 63.8950, 47.6305



18.7617, 20.6034, 22.5443



0.0000, 0.0000, 0.0000



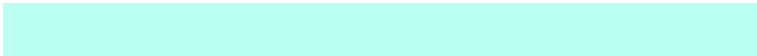
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8054, 64.3882, 70.5662



71.9572, 88.3423, 96.6560



51.5290, 57.7780, 76.1497



13.3274, 14.7826, 16.1871



19.6596, 31.8964, 29.4363



1.3026, 2.0780, 2.0596

Inverse Universe

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



52.1304, 47.2620, 49.5575



69.2469, 60.6076, 62.6453



53.9481, 52.4701, 45.3156



13.1620, 13.0939, 14.1144



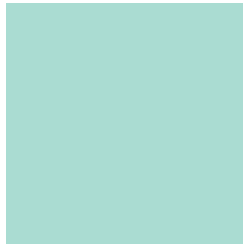
17.6209, 9.0494, 2.3839



1.1725, 0.5986, 0.3174

Previews

White Background



This preview shows how the XYZ color 53.8036, 64.3856, 70.5647 looks on a white background.

Color Contrast Check

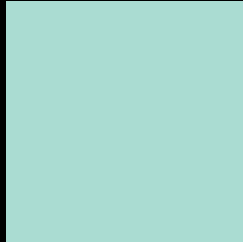
Large Text (above 18pt) WCAG AA × Fail

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 53.8036, 64.3856, 70.5647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

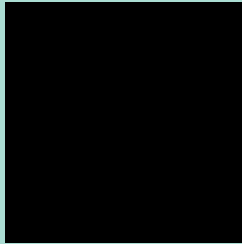
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

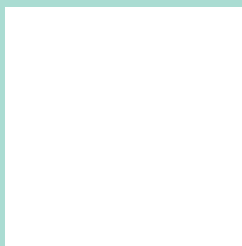
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8036, 64.3856, 70.5647

Background



This preview shows how black text looks on a background with the XYZ color 53.8036, 64.3856, 70.5647.

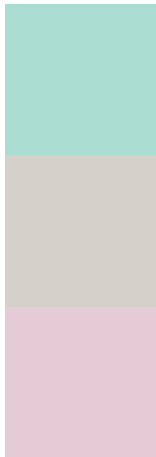


This preview shows how white text looks on a background with the XYZ color 53.8036, 64.3856, 70.5647.

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

53.8036, 64.3856, 70.5647

Protanopia

61.0669, 63.7197, 65.5805

Deuteranopia

65.4884, 64.0609, 72.5317



Tritanopia

57.0863, 64.1662, 87.2184

Trichromacy



Original Color

53.8036, 64.3856, 70.5647

Protanomaly

57.9728, 63.5490, 67.6032

Deuteranomaly

60.5428, 63.6704, 72.0495

Tritanomaly

55.6370, 63.9462, 80.6446

Monochromacy



Original Color

53.8036, 64.3856, 70.5647

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.9254, 61.7559, 67.3650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8036, 64.3856, 70.5647 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(170, 220, 210)` looks like.

```
.text, #text, p{  
    color:rgb(170, 220, 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(170, 220, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 220, 210) }
```

Border

The CSS property to change the border of an element to XYZ 53.8036, 64.3856, 70.5647 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(170, 220, 210) }
```


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

```
.border{ border-color:rgb(170, 220, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 220, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 220, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 220, 210);  
box-shadow:4px 4px 4px 4px rgb(170, 220,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8036, 64.3856, 70.5647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 220, 210) }
```

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

```
.background{ background-color: rgb(170,  
220, 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](#).

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