

Converting Colors

XYZ(53.9291, 64.5676, 68.3183)

Have a look what the booklet for
XYZ(53.9291, 64.5676, 68.3183)
contains.

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Color

**XYZ(53.7470, 64.4133,
67.9928)**

Conversions

Conversions Part 1

Format	Color
Hex	ACDCCE
RGB	172, 220, 206
RGB Percent	67%, 86%, 81%
CMY	0.3255, 0.1372, 0.1922
CMYK	0.22, 0.00, 0.06, 0.14
HSL	162°, 41%, 77%
HSV	162°, 22%, 86%
XYZ	53.7470, 64.4133, 67.9928
YIQ	204.0520, -24.1140, -14.5300

Conversions

Conversions Part 2

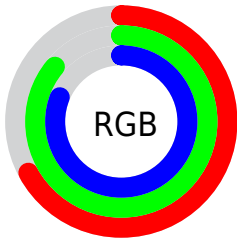
Format	Color
R _Y B	172, 200, 220
Decimal	11328718
CIE _{Lab}	84.18, -18.34, 1.78
CIE _{LCh}	84, 18.430, 174.467
Y _{xy}	64.4133, 0.2887, 0.3460
Android (android.graphics.Color)	4289518798 (0xFFACDCCE)
YUV	204.0520, 0.9604, -28.1096
Hunter-Lab	80.2579, -20.9137, 5.9513

Details

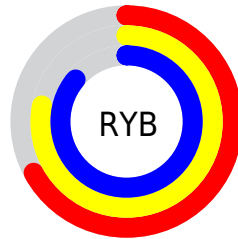
The XYZ color **53.7470, 64.4133, 67.9928** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.1329, 48.2674, 52.9731**, and the grayscale version is **57.4339, 60.4249, 65.8027**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **26.7304, 33.0992, 34.6857** is the 20% darker color. If you saturate the color by 10%, you get **48.5491, 61.8236, 63.7633**, and if you desaturate by 10%, it is **59.7798, 67.4331, 72.4303**.

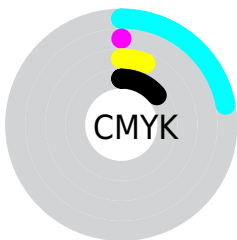
Distribution



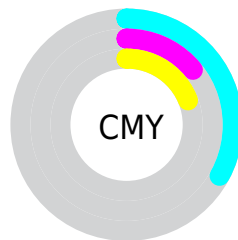
- Red (67%)
- Green (86%)
- Blue (81%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)





- Cyan (33%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7470, 64.4133, 67.9928 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 53.7470, 64.4133, 67.9928 by changing the saturation by 10% instead.


 53.7470, 64.4133,
67.9928

 53.7470, 64.4133,
67.9928


391.3586,
440.6806, 472.0679

 38.6293, 46.9855,
49.4252


 94.8617, 111.2059,
117.9960

 26.6509, 33.0242,
34.5889


121.5895,
141.3396, 150.2686

 17.4464, 22.1450,
23.0654


152.9180,
176.4773, 187.9467

 10.6506, 13.9635,
14.4360

189.2125,
217.0034, 231.4488

 5.8979, 8.0953,
8.2824

230.8385,
263.3025, 281.1935

 2.8232, 4.1560,
4.1858

278.1613,

 1.0610, 1.7612,

315.7587, 337.5991

1.7278

331.5462,
374.7567, 401.0844

■ 0.0000, 0.4628,
0.3797

■ 0.0000, 0.0000,
0.0000

■ 53.7470, 64.4133,
67.9928

■ 53.7470, 64.4133,
67.9928

■ 48.5491, 61.8236,
63.7633

■ 59.7798, 67.4331,
72.4303

■ 44.1408, 59.6357,
59.7337

■ 66.6788, 70.8940,
77.0751


■ 40.4810, 57.8301,
55.9014


■ 74.4808, 74.8166,
81.9321


■ 37.5225, 56.3824,
52.2621


■ 81.3534, 78.2564,
86.9176

 35.2125, 55.2655,
48.8113

 82.2803, 78.6272,
91.7985

 33.4904, 54.4483,
45.5441

 83.2408, 79.0114,
96.8565

 32.2837, 53.8933,
42.4550

 84.2353, 79.4092,
102.0934

 31.5805, 53.5832,
40.0539

 84.8844, 79.6688,
105.5115

Harmonies

Analogous

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



55.0625, 64.4133, 57.8798



53.7470, 64.4133, 67.9928



54.3613, 64.4133, 79.8508

Triad

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



53.7470, 64.4133, 67.9928



64.5275, 64.4133, 92.6188



65.8927, 64.4133, 53.4055

Complementary

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



53.7470, 64.4133, 67.9928



53.1329, 48.2674, 52.9731

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.



68.6389, 64.4133, 61.2414



53.7470, 64.4133, 67.9928



67.8265, 64.4133, 84.0087

Square

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



53.7470, 64.4133, 67.9928



60.4702, 64.4133, 94.9388



69.3618, 64.4133, 72.3220



61.9818, 64.4133, 50.0781

Rectangle

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



53.7470, 64.4133, 67.9928



55.7971, 64.4133, 87.0669



69.3618, 64.4133, 72.3220



66.9895, 64.4133, 55.5544

Sweetspot

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



53.7488, 64.4160, 67.9942



87.9580, 96.4395, 104.2512



53.3886, 64.6570, 48.6968



18.7020, 20.5795, 22.2297



0.0000, 0.0000, 0.0000



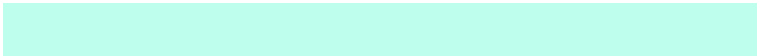
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7488, 64.4160, 67.9942



71.7628, 88.3369, 92.3663



53.0790, 60.2313, 76.5416



13.2745, 14.7614, 15.9087



18.5841, 31.4663, 23.7732



1.2408, 2.0533, 1.7341

Inverse Universe

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



53.1329, 48.2674, 52.9731



70.7633, 62.0823, 67.9540



53.6098, 51.4882, 46.1433



13.2115, 13.1137, 14.3750



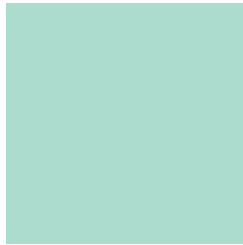
17.9105, 9.1653, 3.9090



1.1974, 0.6086, 0.4484

Previews

White Background



This preview shows how the XYZ color 53.7470, 64.4133, 67.9928 looks on a white background.

Color Contrast Check

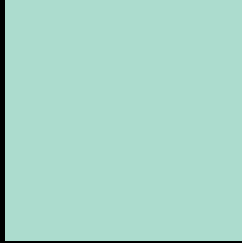
Large Text (above 18pt) WCAG AA × Fail

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 53.7470, 64.4133, 67.9928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

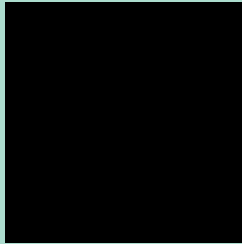
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

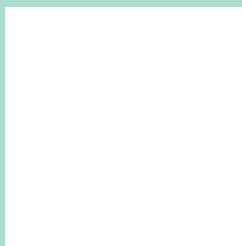
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7470, 64.4133, 67.9928

Background



This preview shows how black text looks on a background with the XYZ color 53.7470, 64.4133, 67.9928.



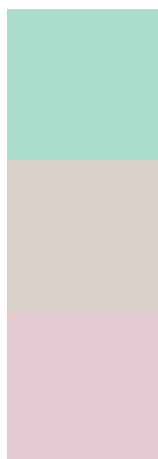
This preview shows how white text looks on a background with the XYZ color 53.7470, 64.4133,

67.9928.

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

53.7470, 64.4133, 67.9928

Protanopia

61.2501, 64.2181, 63.8107

Deuteranopia

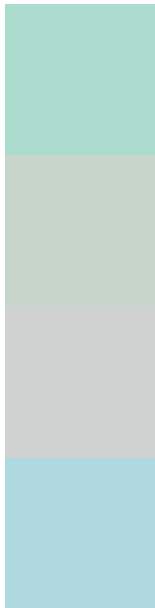
65.3019, 64.0230, 69.8887



Tritanopia

57.3953, 64.3420, 86.4850

Trichromacy



Original Color

53.7470, 64.4133, 67.9928

Protanomaly

58.0081, 63.9949, 65.1720

Deuteranomaly

60.3215, 63.6143, 69.4211

Tritanomaly

55.8113, 64.0674, 79.2367

Monochromacy



Original Color

53.7470, 64.4133, 67.9928

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.8043, 61.7074, 66.7271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7470, 64.4133, 67.9928 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(172, 220, 206)` looks like.

```
.text, #text, p{  
    color:rgb(172, 220, 206)  
}
```

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(172, 220, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 220, 206) }
```

Border

The CSS property to change the border of an element to XYZ 53.7470, 64.4133, 67.9928 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(172, 220, 206) }
```


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

```
.border{ border-color:rgb(172, 220, 206) }
```

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

Here you see how a box with a 4 pixel rgb(172, 220, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(172, 220,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7470, 64.4133, 67.9928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 220, 206) }
```

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

```
.background{ background-color: rgb(172,  
220, 206) }
```

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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