

Converting Colors

XYZ(42.7329, 48.9515, 51.0641)

Have a look what the booklet for
XYZ(42.7329, 48.9515, 51.0641)
contains.

XYZ(42.7072, 49.0348, 50.9298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.7072, 49.0348,
50.9298)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C0B5
RGB	165, 192, 181
RGB Percent	65%, 75%, 71%
CMY	0.3529, 0.2470, 0.2902
CMYK	0.14, 0.00, 0.06, 0.25
HSL	156°, 18%, 70%
HSV	156°, 14%, 75%
XYZ	42.7072, 49.0348, 50.9298
YIQ	182.6730, -12.5610, -9.1450

Conversions

Conversions Part 2

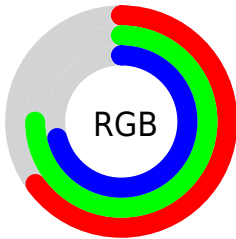
Format	Color
RYB	165, 182, 192
Decimal	10862773
CIELab	75.47, -11.32, 2.46
CIElCh	75, 11.581, 167.730
Yxy	49.0348, 0.2993, 0.3437
Android (android.graphics.Color)	4289052853 (0xFFA5C0B5)
YUV	182.6730, -0.8248, -15.4992
Hunter-Lab	70.0249, -13.6788, 5.8952

Details

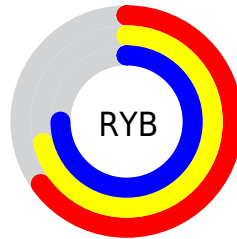
The XYZ color **42.7072, 49.0348, 50.9298** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0316, 41.2526, 46.7711**, and the grayscale version is **44.8411, 47.1763, 51.3750**.

A 20% lighter version of the original color is **78.3687, 88.4649, 93.0657**, and **19.9390, 23.5345, 23.9138** is the 20% darker color. If you saturate the color by 10%, you get **38.2293, 46.8179, 46.6473**, and if you desaturate by 10%, it is **47.8325, 51.5829, 55.4801**.

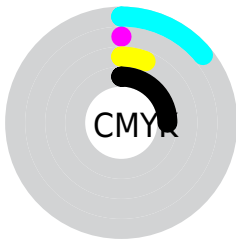
Distribution



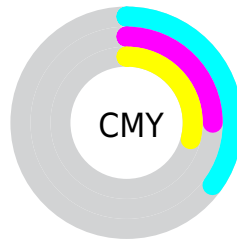
- Red (65%)
- Green (75%)
- Blue (71%)



- Red (65%)
- Yellow (71%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7072, 49.0348, 50.9298 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 42.7072, 49.0348, 50.9298 by changing the saturation by 10% instead.


 42.7072, 49.0348,
50.9298


 42.7072, 49.0348,
50.9298


348.3482,
382.8793, 407.1297

 29.8490, 34.6471,
35.7764


 78.5273, 88.7431,
92.9614

 19.8715, 23.3911,
23.9732


 102.2199,
114.8326, 120.6768

 12.4094, 14.8826,
15.1017

130.2546,
145.5913, 153.4165

 7.0973, 8.7370,
8.7434

162.9969,
181.4038, 191.5991

 3.5699, 4.5701,
4.4797

200.8120,
222.6545, 235.6432

 1.4618, 1.9973,
1.8920

244.0654,

 0.2996, 0.6059,

269.7277, 285.9673

0.4876

293.1223,
323.0078, 342.9900

■ 0.0000, 0.0000,
0.0000

■ 42.7072, 49.0348,
50.9298

■ 42.7072, 49.0348,
50.9298

■ 38.2293, 46.8179,
46.6473

■ 47.8325, 51.5829,
55.4801

■ 34.3674, 44.9121,
42.6241

■ 53.6267, 54.4693,
60.2997

■ 31.0934, 43.3043,
38.8560

■ 60.1156, 57.7084,
65.3946

■ 28.3754, 41.9782,
35.3376

■ 67.3221, 61.3120,
70.7694

■ 26.1785, 40.9158,
32.0630

■ 73.0247, 64.1347,
76.3236

■ 24.4633, 40.0970,
29.0262

■ 74.0863, 64.5594,
81.9139

■ 23.1848, 39.4987,
26.2206

■ 75.1970, 65.0037,
87.7630

■ 22.2885, 39.0928,
23.6392

■ 76.3576, 65.4679,
93.8744

■ 21.8746, 38.9107,
22.2080

■ 77.5685, 65.9523,
100.2512

Harmonies

Analogous

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



43.6327, 49.0348, 45.8637



42.7072, 49.0348, 50.9298



42.8028, 49.0348, 57.0530

Triad

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



42.7072, 49.0348, 50.9298



47.8680, 49.0348, 65.3953



49.4234, 49.0348, 45.1516

Complementary

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



42.7072, 49.0348, 50.9298



43.0316, 41.2526, 46.7711

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.



50.6283, 49.0348, 49.8883



42.7072, 49.0348, 50.9298



49.7116, 49.0348, 61.6989

Square

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



42.7072, 49.0348, 50.9298



45.7388, 49.0348, 65.7278



50.7354, 49.0348, 55.9293



47.4843, 49.0348, 42.7026

Rectangle

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



42.7072, 49.0348, 50.9298



43.4329, 49.0348, 60.9162



50.7354, 49.0348, 55.9293



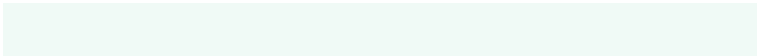
49.9302, 49.0348, 46.5118

Sweetspot

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



42.7086, 49.0369, 50.9309



86.6651, 93.4607, 100.5215



43.6039, 49.6774, 42.8886



18.4322, 19.9707, 21.4272



92.9021, 97.7402, 106.4391



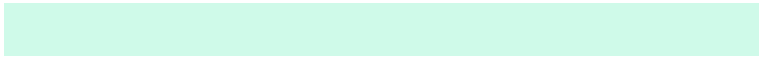
19.4759, 20.4902, 22.3138

Same Dimension

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



42.7086, 49.0369, 50.9309



74.6527, 87.4944, 89.7371



43.3925, 48.5259, 56.9510



10.1892, 11.3567, 11.9997



14.7580, 26.1973, 15.1505



0.6711, 1.1453, 0.8309

Inverse Universe

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



43.0316, 41.2526, 46.7711



75.3560, 70.5549, 80.6863



42.3959, 41.6535, 41.4035



10.2395, 10.1444, 11.3518



15.5950, 7.9278, 5.7795



0.7080, 0.3562, 0.4296

Previews

White Background



This preview shows how the XYZ color 42.7072, 49.0348, 50.9298 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 42.7072, 49.0348, 50.9298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

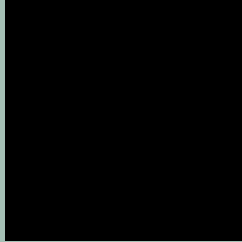
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7072, 49.0348, 50.9298

Background



This preview shows how black text looks on a background with the XYZ color 42.7072, 49.0348, 50.9298.

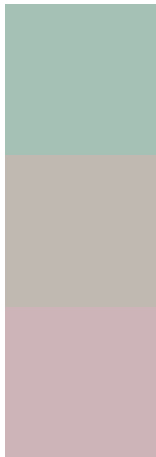


This preview shows how white text looks on a background with the XYZ color 42.7072, 49.0348,

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

42.7072, 49.0348, 50.9298

Protanopia

46.7706, 48.9486, 48.5779

Deuteranopia

49.8748, 48.9406, 52.1652



Tritanopia

45.4589, 49.1898, 64.2254

Trichromacy



Original Color

42.7072, 49.0348, 50.9298

Protanomaly

45.3105, 49.1259, 49.2136

Deuteranomaly

46.9229, 48.6470, 51.7165

Tritanomaly

44.5257, 49.1373, 59.3622

Monochromacy



Original Color

42.7072, 49.0348, 50.9298

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.9069, 47.7253, 51.1537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7072, 49.0348, 50.9298 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(165, 192, 181)` looks like.

```
.text, #text, p{  
    color:rgb(165, 192, 181)  
}
```

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(165, 192, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 192, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.7072, 49.0348, 50.9298 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(165, 192, 181) }
```


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

```
.border{ border-color:rgb(165, 192, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 192, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 192, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 192, 181);  
box-shadow:4px 4px 4px 4px rgb(165, 192,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7072, 49.0348, 50.9298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 192, 181) }
```

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

```
.background{ background-color: rgb(165,  
192, 181) }
```

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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