

Converting Colors

XYZ(42.5701, 48.0641, 57.3573)

Have a look what the booklet for
XYZ(42.5701, 48.0641, 57.3573)
contains.

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Color

**XYZ(42.7370, 48.2542,
57.5136)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BEC1
RGB	161, 190, 193
RGB Percent	63%, 75%, 76%
CMY	0.3686, 0.2549, 0.2431
CMYK	0.17, 0.02, 0.00, 0.24
HSL	186°, 21%, 69%
HSV	186°, 17%, 76%
XYZ	42.7370, 48.2542, 57.5136
YIQ	181.6710, -18.2470, -5.2150

Conversions

Conversions Part 2

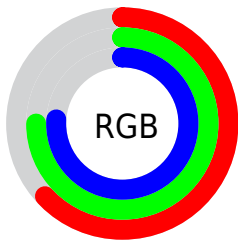
Format	Color
RYB	161, 176, 193
Decimal	10600129
CIELab	74.98, -9.12, -4.80
CIElCh	75, 10.310, 207.753
Yxy	48.2542, 0.2878, 0.3249
Android (android.graphics.Color)	4288790209 (0xFFA1BEC1)
YUV	181.6710, 5.5852, -18.1285
Hunter-Lab	69.4652, -11.7459, -0.4634

Details

The XYZ color **42.7370, 48.2542, 57.5136** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.7012, 40.4615, 39.3310**, and the grayscale version is **44.2633, 46.5685, 50.7131**.

A 20% lighter version of the original color is **78.3736, 87.3500, 102.3520**, and **19.9860, 23.0360, 28.2040** is the 20% darker color. If you saturate the color by 10%, you get **38.7551, 45.6250, 57.2168**, and if you desaturate by 10%, it is **47.3269, 51.2066, 57.8423**.

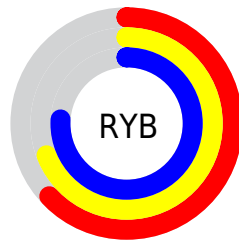
Distribution



Red (63%)

Green (75%)

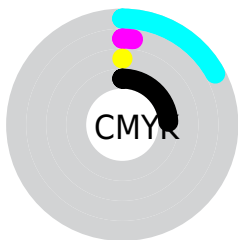
Blue (76%)



Red (63%)

Yellow (69%)

Blue (76%)

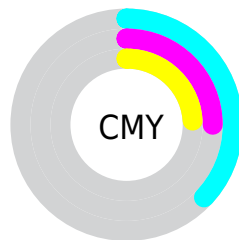


Cyan (17%)

Magenta (2%)

Yellow (0%)

Black (24%)



Cyan (37%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7370, 48.2542, 57.5136 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 42.7370, 48.2542, 57.5136 by changing the saturation by 10% instead.

■ 42.7370, 48.2542,
57.5136

■ 42.7370, 48.2542,
57.5136

348.4689,
379.7988, 432.9186

■ 29.8724, 34.0282,
41.0056

■ 78.5720, 87.5828,
102.7220

■ 19.8894, 22.9153,
28.0037

■ 102.2732,
113.4541, 132.2595

■ 12.4225, 14.5310,
18.0894

130.3173,
143.9761, 166.9772

■ 7.1063, 8.4909,
10.8441

163.0697,
179.5331, 207.2937

■ 3.5756, 4.4106,
5.8492

200.8956,
220.5095, 253.6276

■ 1.4650, 1.9058,
2.6863

244.1606,

■ 0.3018, 0.5519,

267.2896, 306.3973

0.9365

293.2299,
320.2579, 366.0215

■ 0.0000, 0.0000,
0.0000

■ 42.7370, 48.2542,
57.5136

■ 42.7370, 48.2542,
57.5136

■ 38.7551, 45.6250,
57.2168

■ 47.3269, 51.2066,
57.8423

■ 35.3496, 43.2989,
56.9473

■ 52.5463, 54.4894,
58.2009

■ 32.4923, 41.2625,
56.7048

■ 58.4208, 58.1173,
58.5915

■ 30.1508, 39.4992,
56.4879

■ 64.9734, 62.1019,
59.0153

■ 28.2896, 37.9906,
56.2948

■ 71.2991, 65.9770,
59.4298

■ 26.8684, 36.7159,
56.1236

■ 71.7177, 66.8141,
59.5693

■ 25.8405, 35.6510,
55.9723

■ 72.1412, 67.6612,
59.7105

■ 25.1440, 34.7640,
55.8378

■ 72.5697, 68.5182,
59.8534

■ 24.9408, 34.4803,
55.7937

■ 73.0032, 69.3852,
59.9979

Harmonies

Analogous

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



42.3439, 48.2542, 52.1354



42.7370, 48.2542, 57.5136



43.9611, 48.2542, 61.7980

Triad

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



42.7370, 48.2542, 57.5136



48.9919, 48.2542, 58.2642



46.0062, 48.2542, 42.8542

Complementary

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



42.7370, 48.2542, 57.5136



41.7012, 40.4615, 39.3310

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.



47.8214, 48.2542, 44.2572



42.7370, 48.2542, 57.5136



49.5743, 48.2542, 52.9479

Square

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



42.7370, 48.2542, 57.5136



47.5692, 48.2542, 62.2518



49.1403, 48.2542, 47.8629



44.2004, 48.2542, 43.8959

Rectangle

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



42.7370, 48.2542, 57.5136



45.1011, 48.2542, 63.3282



49.1403, 48.2542, 47.8629



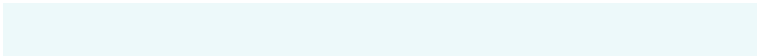
46.6358, 48.2542, 43.0534

Sweetspot

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



42.7384, 48.2562, 57.5147



86.0922, 92.5545, 103.6875



40.4395, 48.3861, 42.1732



18.3344, 19.7702, 22.2350



92.9021, 97.7402, 106.4391



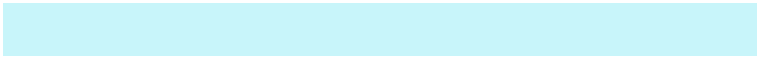
19.4759, 20.4902, 22.3138

Same Dimension

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



42.7384, 48.2562, 57.5147



73.7562, 84.6012, 102.8026



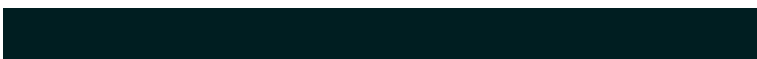
39.5249, 41.8293, 56.4435



10.2853, 11.2619, 12.9165



16.6198, 22.9961, 37.1194



0.7420, 1.0415, 1.6118

Inverse Universe

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



44.0325, 40.5459, 54.2228



76.5391, 68.1829, 95.6877



44.6802, 46.4196, 40.3240



10.4553, 10.2307, 12.4882



19.7849, 9.6037, 27.8430



0.8669, 0.4198, 1.2666

Previews

White Background



This preview shows how the XYZ color 42.7370, 48.2542, 57.5136 looks on a white background.

Color Contrast Check

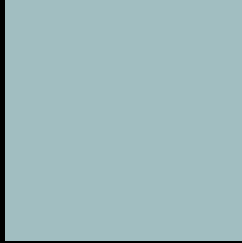
Large Text (above 18pt) WCAG AA × Fail

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 42.7370, 48.2542, 57.5136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

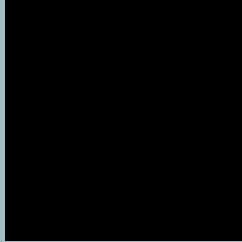
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7370, 48.2542, 57.5136

Background



This preview shows how black text looks on a background with the XYZ color 42.7370, 48.2542, 57.5136.



This preview shows how white text looks on a background with the XYZ color 42.7370, 48.2542,

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

42.7370, 48.2542, 57.5136

Protanopia

46.3685, 47.9802, 54.9613

Deuteranopia

48.9964, 48.0506, 58.3221



Tritanopia

43.8670, 48.0648, 63.4653

Trichromacy



Original Color

42.7370, 48.2542, 57.5136

Protanomaly

44.9846, 48.1826, 55.6444

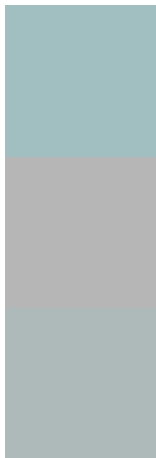
Deuteranomaly

46.4383, 47.9524, 57.8471

Tritanomaly

43.4067, 48.2001, 61.0486

Monochromacy



Original Color

42.7370, 48.2542, 57.5136

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.6674, 47.2418, 53.2714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7370, 48.2542, 57.5136 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(161, 190, 193)` looks like.

```
.text, #text, p{  
    color:rgb(161, 190, 193)  
}
```

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(161, 190, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 190, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.7370, 48.2542, 57.5136 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(161, 190, 193) }
```


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

```
.border{ border-color:rgb(161, 190, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 190, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 190, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 190, 193);  
box-shadow:4px 4px 4px 4px rgb(161, 190,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7370, 48.2542, 57.5136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 190, 193) }
```

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

```
.background{ background-color: rgb(161,  
190, 193) }
```

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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