

Converting Colors

XYZ(42.6872, 50.6543, 67.8490)

Have a look what the booklet for
XYZ(42.6872, 50.6543, 67.8490)
contains.

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Color

**XYZ(42.6872, 50.6543,
67.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC6D1
RGB	141, 198, 209
RGB Percent	55%, 78%, 82%
CMY	0.4470, 0.2235, 0.1804
CMYK	0.33, 0.05, 0.00, 0.18
HSL	190°, 43%, 69%
HSV	190°, 33%, 82%
XYZ	42.6872, 50.6543, 67.8490
YIQ	182.2110, -37.5030, -8.6630

Conversions

Conversions Part 2

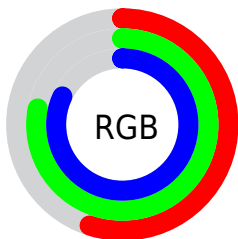
Format	Color
R_{YB}	141, 172, 209
Decimal	9291473
CIE _{Lab}	76.47, -15.67, -11.40
CIE _{LCh}	76, 19.377, 216.031
Yxy	50.6543, 0.2648, 0.3143
Android (android.graphics.Color)	4287481553 (0xFF8DC6D1)
YUV	182.2110, 13.2070, -36.1420
Hunter-Lab	71.1718, -17.4906, -6.7016

Details

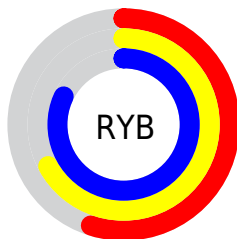
The XYZ color **42.6872, 50.6543, 67.8490** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.3312, 37.9354, 30.2917**, and the grayscale version is **44.5245, 46.8432, 51.0123**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **19.9142, 24.3878, 34.6681** is the 20% darker color. If you saturate the color by 10%, you get **38.6996, 47.4656, 67.4445**, and if you desaturate by 10%, it is **47.3657, 54.2273, 68.2929**.

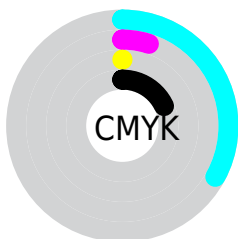
Distribution



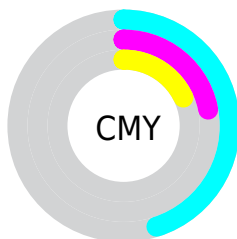
- Red (55%)
- Green (78%)
- Blue (82%)



- Red (55%)
- Yellow (67%)
- Blue (82%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (45%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6872, 50.6543, 67.8490 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 42.6872, 50.6543, 67.8490 by changing the saturation by 10% instead.

■ 42.6872, 50.6543,
67.8490

■ 42.6872, 50.6543,
67.8490

348.2672,
389.2192, 471.5444

■ 29.8332, 35.9336,
49.3090

■ 78.4973, 91.1436,
117.7883

■ 19.8595, 24.3829,
34.4973

■ 102.1841,
117.6809, 150.0246

■ 12.4006, 15.6179,
22.9955

130.2126,
148.9258, 187.6634

■ 7.0913, 9.2542,
14.3849

162.9480,
185.2628, 231.1234

■ 3.5661, 4.9073,
8.2470

200.7559,
227.0763, 280.8229

■ 1.4597, 2.1930,
4.1634

244.0014,

■ 0.2982, 0.7162,

274.7506, 337.1805

1.7154

293.0501,
328.6701, 400.6148

■ 0.0000, 0.0000,
0.3713

■ 0.0000, 0.0000,
0.0000

■ 42.6872, 50.6543,
67.8490

■ 42.6872, 50.6543,
67.8490

■ 38.6996, 47.4656,
67.4445

■ 47.3657, 54.2273,
68.2929

■ 35.3604, 44.6353,
67.0742

■ 52.7654, 58.1966,
68.7745

■ 32.6294, 42.1438,
66.7373

■ 58.9205, 62.5813,
69.2964

■ 30.4600, 39.9670,
66.4314

■ 65.8615, 67.3971,
69.8601

■ 28.7986, 38.0770,
66.1542

■ 73.6172, 72.6593,
70.4671

■ 27.5808, 36.4404,
65.9025

■ 77.8943, 76.1545,
70.9163

■ 26.8774, 35.3407,
65.7273

■ 78.7813, 77.9286,
71.2120

■ 79.6864, 79.7388,
71.5137

■ 80.6096, 81.5851,
71.8214

Harmonies

Analogous

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



41.4946, 50.6543, 57.2940



42.6872, 50.6543, 67.8490



45.3488, 50.6543, 75.6461

Triad

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



42.6872, 50.6543, 67.8490



54.8510, 50.6543, 63.7333



47.4114, 50.6543, 37.4750

Complementary

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



42.6872, 50.6543, 67.8490



42.3312, 37.9354, 30.2917

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.



51.0546, 50.6543, 38.7433



42.6872, 50.6543, 67.8490



55.4714, 50.6543, 53.0678

Square

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



42.6872, 50.6543, 67.8490



52.3951, 50.6543, 73.0676



54.0501, 50.6543, 44.1502



44.1320, 50.6543, 40.4371

Rectangle

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



42.6872, 50.6543, 67.8490



47.6610, 50.6543, 77.7464



54.0501, 50.6543, 44.1502



48.6330, 50.6543, 37.4263

Sweetspot

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



42.6887, 50.6563, 67.8502



84.9813, 92.8771, 108.0558



39.3882, 53.5055, 37.6162



17.9079, 19.6769, 23.1041



0.0000, 0.0000, 0.0000



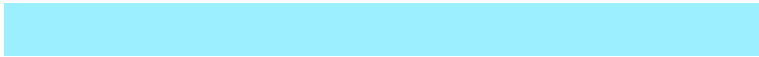
20.3446, 21.4041, 23.3091

Same Dimension

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



42.6887, 50.6563, 67.8502



62.5151, 75.9266, 105.9681



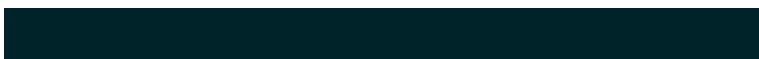
35.9134, 37.1056, 65.5917



11.9888, 13.0679, 15.1341



16.6325, 21.9117, 40.5452



0.9746, 1.3143, 2.2819

Inverse Universe

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



46.0137, 36.6836, 58.0837



68.6206, 51.1132, 87.8450



48.4941, 50.2612, 32.3460



12.2252, 11.9748, 14.4619



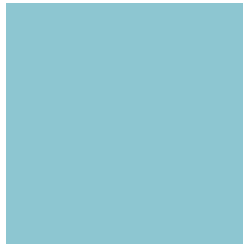
21.0261, 10.2833, 26.1072



1.1981, 0.5840, 1.5782

Previews

White Background



This preview shows how the XYZ color 42.6872, 50.6543, 67.8490 looks on a white background.

Color Contrast Check

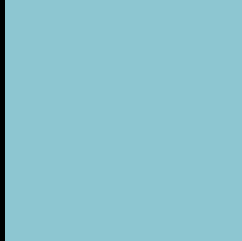
Large Text (above 18pt) WCAG AA × Fail

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 42.6872, 50.6543, 67.8490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

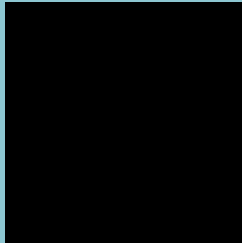
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6872, 50.6543, 67.8490

Background



This preview shows how black text looks on a background with the XYZ color 42.6872, 50.6543, 67.8490.



This preview shows how white text looks on a background with the XYZ color 42.6872, 50.6543,

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

42.6872, 50.6543, 67.8490

Protanopia

48.9245, 50.3697, 63.0208

Deuteranopia

51.3228, 50.2225, 69.2763



Tritanopia

43.1318, 50.4874, 70.4225

Trichromacy



Original Color

42.6872, 50.6543, 67.8490

Protanomaly

46.2278, 50.2154, 65.0137

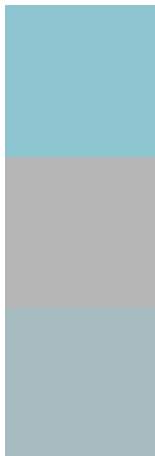
Deuteranomaly

47.4203, 49.7835, 68.7379

Tritanomaly

43.0052, 50.4368, 69.7560

Monochromacy



Original Color

42.6872, 50.6543, 67.8490

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.4340, 47.9877, 56.8425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6872, 50.6543, 67.8490 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(141, 198, 209)` looks like.

```
.text, #text, p{  
    color:rgb(141, 198, 209)  
}
```

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(141, 198, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 198, 209) }
```

Border

The CSS property to change the border of an element to XYZ 42.6872, 50.6543, 67.8490 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(141, 198, 209) }
```


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

```
.border{ border-color:rgb(141, 198, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 198, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 198, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 198, 209);  
box-shadow:4px 4px 4px 4px rgb(141, 198,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6872, 50.6543, 67.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 198, 209) }
```

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

```
.background{ background-color: rgb(141,  
198, 209) }
```

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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