

Converting Colors

XYZ(42.4104, 46.8610, 58.0511)

Have a look what the booklet for
XYZ(42.4104, 46.8610, 58.0511)
contains.

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Color

**XYZ(42.4008, 46.7994,
57.8374)**

Conversions

Conversions Part 1

Format	Color
Hex	A3BAC2
RGB	163, 186, 194
RGB Percent	64%, 73%, 76%
CMY	0.3608, 0.2706, 0.2392
CMYK	0.16, 0.04, 0.00, 0.24
HSL	195°, 20%, 70%
HSV	195°, 16%, 76%
XYZ	42.4008, 46.7994, 57.8374
YIQ	180.0350, -16.2760, -2.3880

Conversions

Conversions Part 2

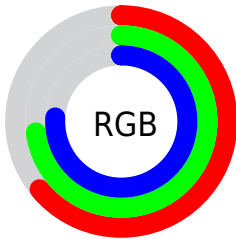
Format	Color
R _Y B	163, 176, 194
Decimal	10730178
CIE Lab	74.06, -6.15, -6.70
CIE LCh	74, 9.092, 227.437
Yxy	46.7994, 0.2884, 0.3183
Android (android.graphics.Color)	4288920258 (0xFFA3BAC2)
YUV	180.0350, 6.8847, -14.9397
Hunter-Lab	68.4101, -9.0828, -2.2397

Details

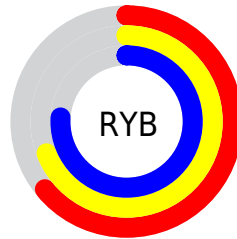
The XYZ color **42.4008, 46.7994, 57.8374** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4223, 43.2395, 40.7087**, and the grayscale version is **43.3728, 45.6316, 49.6928**.

A 20% lighter version of the original color is **77.9209, 85.3118, 102.8024**, and **19.6767, 22.0480, 28.0296** is the 20% darker color. If you saturate the color by 10%, you get **37.6936, 42.8360, 57.3212**, and if you desaturate by 10%, it is **47.7570, 51.1547, 58.3965**.

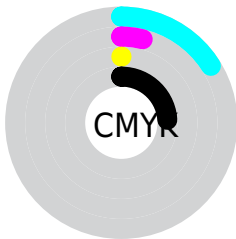
Distribution



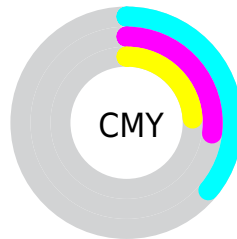
- Red (64%)
- Green (73%)
- Blue (76%)



- Red (64%)
- Yellow (69%)
- Blue (76%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4008, 46.7994, 57.8374 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 42.4008, 46.7994, 57.8374 by changing the saturation by 10% instead.

■ 42.4008, 46.7994,
57.8374

■ 42.4008, 46.7994,
57.8374

347.1052,
374.0132, 434.1611

■ 29.6077, 32.8771,
41.2641

■ 78.0672, 85.4141,
103.1985

■ 19.6876, 22.0323,
28.2043

■ 101.6713,
110.8753, 132.8233

■ 12.2751, 13.8806,
18.2393

129.6097,
140.9516, 167.6358

■ 7.0049, 8.0377,
10.9507

162.2479,
176.0274, 208.0544

■ 3.5115, 4.1191,
5.9199

199.9512,
216.4870, 254.4977

■ 1.4297, 1.7404,
2.7285

243.0849,

■ 0.2772, 0.4496,

262.7150, 307.3842

0.9577

292.0145,
315.0956, 367.1325

■ 0.0000, 0.0000,
0.0000

■ 42.4008, 46.7994,
57.8374

■ 42.4008, 46.7994,
57.8374

■ 37.6936, 42.8360,
57.3212

■ 47.7570, 51.1547,
58.3965

■ 33.6033, 39.2436,
56.8434

■ 53.7845, 55.9102,
58.9967

■ 30.1010, 36.0081,
56.4035

■ 60.5093, 61.0811,
59.6404

■ 27.1540, 33.1119,
55.9998

■ 67.9549, 66.6801,
60.3287

■ 24.7259, 30.5359,
55.6305

■ 74.2791, 71.7579,
60.9754

■ 22.7759, 28.2583,
55.2937

■ 75.5422, 74.2841,
61.3965

■ 21.2568, 26.2542,
54.9869

■ 76.8444, 76.8884,
61.8305

■ 20.1088, 24.4923,
54.7074

■ 78.1859, 79.5715,
62.2777

■ 19.7037, 23.8271,
54.6003

■ 79.5672, 82.3341,
62.7381

Harmonies

Analogous

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



41.5659, 46.7994, 53.6861



42.4008, 46.7994, 57.8374



43.8051, 46.7994, 60.2017

Triad

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



42.4008, 46.7994, 57.8374



47.6021, 46.7994, 52.9283



43.5515, 46.7994, 42.8854

Complementary

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



42.4008, 46.7994, 57.8374



43.4223, 43.2395, 40.7087

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.



45.1647, 46.7994, 42.7101



42.4008, 46.7994, 57.8374



47.5302, 46.7994, 48.3212

Square

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



42.4008, 46.7994, 57.8374



46.8232, 46.7994, 57.2537



46.6290, 46.7994, 44.6444



42.2190, 46.7994, 45.1390

Rectangle

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



42.4008, 46.7994, 57.8374



44.8872, 46.7994, 60.3571



46.6290, 46.7994, 44.6444



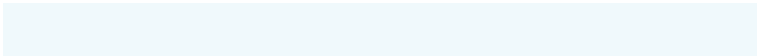
44.0781, 46.7994, 42.5866

Sweetspot

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



42.4022, 46.8013, 57.8384



87.4543, 93.4230, 105.8929



41.7238, 49.3017, 45.7213



18.9888, 20.3286, 23.1729



0.0000, 0.0000, 0.0000



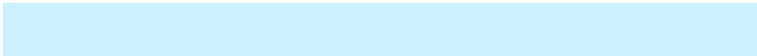
20.3446, 21.4041, 23.3091

Same Dimension

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



42.4022, 46.8013, 57.8384



73.8593, 82.3275, 104.4678



39.3585, 40.7140, 56.8239



10.1415, 10.9743, 12.8686



13.0234, 15.8033, 35.9206



0.6157, 0.7888, 1.5697

Inverse Universe

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



44.2094, 41.2100, 52.0808



77.7557, 70.4917, 92.0051



46.4715, 49.3378, 41.7251



10.3827, 10.2017, 12.1060



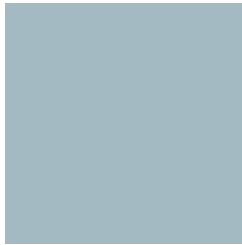
17.9696, 8.8776, 18.2837



0.8032, 0.3943, 0.9309

Previews

White Background



This preview shows how the XYZ color 42.4008, 46.7994, 57.8374 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 42.4008, 46.7994, 57.8374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

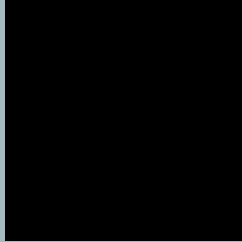
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

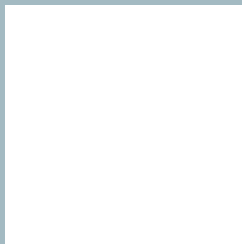
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.4008, 46.7994, 57.8374

Background



This preview shows how black text looks on a background with the XYZ color 42.4008, 46.7994, 57.8374.



This preview shows how white text looks on a background with the XYZ color 42.4008, 46.7994,

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

42.4008, 46.7994, 57.8374

Protanopia

45.2192, 46.7544, 55.9314

Deuteranopia

47.6783, 46.7673, 58.7386



Tritanopia

43.0841, 46.7606, 61.3985

Trichromacy



Original Color

42.4008, 46.7994, 57.8374

Protanomaly

44.1271, 46.7867, 56.5742

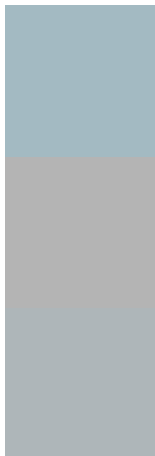
Deuteranomaly

45.4630, 46.5277, 58.2144

Tritanomaly

42.8518, 46.6677, 60.1753

Monochromacy



Original Color

42.4008, 46.7994, 57.8374

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.9405, 45.9574, 52.5064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4008, 46.7994, 57.8374 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(163, 186, 194) looks like.

```
.text, #text, p{  
    color:rgb(163, 186, 194)  
}
```

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(163, 186, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 186, 194) }
```

Border

The CSS property to change the border of an element to XYZ 42.4008, 46.7994, 57.8374 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(163, 186, 194) }
```


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

```
.border{ border-color:rgb(163, 186, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 186, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 186, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 186, 194);  
box-shadow:4px 4px 4px 4px rgb(163, 186,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4008, 46.7994, 57.8374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 186, 194) }
```

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

```
.background{ background-color: rgb(163,  
186, 194) }
```

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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