

Converting Colors

XYZ(42.7251, 47.4391, 57.9017)

Have a look what the booklet for
XYZ(42.7251, 47.4391, 57.9017)
contains.

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Color

**XYZ(42.8251, 47.6480,
57.9788)**

Conversions

Conversions Part 1

Format	Color
Hex	A3BCC2
RGB	163, 188, 194
RGB Percent	64%, 74%, 76%
CMY	0.3608, 0.2627, 0.2392
CMYK	0.16, 0.03, 0.00, 0.24
HSL	192°, 20%, 70%
HSV	192°, 16%, 76%
XYZ	42.8251, 47.6480, 57.9788
YIQ	181.2090, -16.8260, -3.4340

Conversions

Conversions Part 2

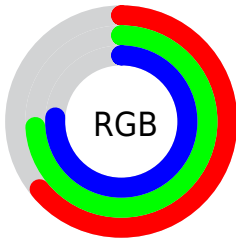
Format	Color
RYB	163, 177, 194
Decimal	10730690
CIELab	74.60, -7.21, -5.90
CIELCh	75, 9.315, 219.265
Yxy	47.6480, 0.2885, 0.3210
Android (android.graphics.Color)	4288920770 (0xFFA3BCC2)
YUV	181.2090, 6.3060, -15.9693
Hunter-Lab	69.0275, -10.0557, -1.4806

Details

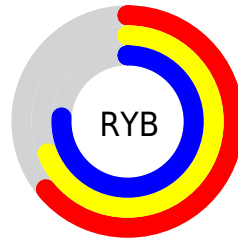
The XYZ color **42.8251, 47.6480, 57.9788** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0474, 42.4896, 40.5838**, and the grayscale version is **44.0086, 46.3005, 50.4212**.

A 20% lighter version of the original color is **78.5194, 86.5089, 103.0020**, and **19.9531, 22.6009, 28.1217** is the 20% darker color. If you saturate the color by 10%, you get **38.3625, 44.1738, 57.5442**, and if you desaturate by 10%, it is **47.9207, 51.4820, 58.4510**.

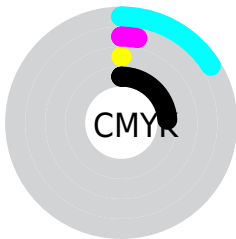
Distribution



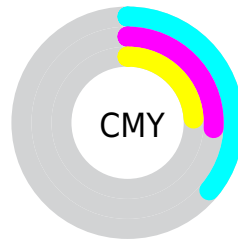
- Red (64%)
- Green (74%)
- Blue (76%)



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



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8251, 47.6480, 57.9788 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 42.8251, 47.6480, 57.9788 by changing the saturation by 10% instead.

■ 42.8251, 47.6480,
57.9788

■ 42.8251, 47.6480,
57.9788

348.8257,
377.3952, 434.7030

■ 29.9418, 33.5482,
41.3770

■ 78.7042, 86.6801,
103.4065

■ 19.9423, 22.5467,
28.2919

■ 102.4308,
112.3812, 133.0694

■ 12.4611, 14.2592,
18.3048

130.5025,
142.7181, 167.9232

■ 7.1330, 8.3012,
10.9974

163.2847,
178.0754, 208.3863

■ 3.5925, 4.2883,
5.9509

201.1428,
218.8373, 254.8773

■ 1.4743, 1.8361,
2.7470

244.4421,

■ 0.3082, 0.5095,

265.3884, 307.8147

0.9669

293.5479,
318.1128, 367.6171

■ 0.0000, 0.0000,
0.0000

■ 42.8251, 47.6480,
57.9788

■ 42.8251, 47.6480,
57.9788

■ 38.3625, 44.1738,
57.5442

■ 47.9207, 51.4820,
58.4510

■ 34.5010, 41.0389,
57.1426

■ 53.6711, 55.6835,
58.9589

■ 31.2118, 38.2296,
56.7737

■ 60.1024, 60.2674,
59.5047

■ 28.4624, 35.7288,
56.4359

■ 67.2378, 65.2460,
60.0896

■ 26.2168, 33.5178,
56.1275

■ 73.2350, 69.6696,
60.6274

■ 24.4344, 31.5753,
55.8465

■ 74.1539, 71.5073,
60.9337

■ 23.0680, 29.8768,
55.5907

■ 75.0945, 73.3886,
61.2472

■ 22.0584, 28.3915,
55.3572

■ 76.0570, 75.3137,
61.5681

■ 21.7049, 27.8295,
55.2674

■ 77.0416, 77.2828,
61.8962

Harmonies

Analogous

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



42.1644, 47.6480, 53.3891



42.8251, 47.6480, 57.9788



44.1503, 47.6480, 61.0531

Triad

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



42.8251, 47.6480, 57.9788



48.3867, 47.6480, 55.2363



44.7683, 47.6480, 43.2494

Complementary

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



42.8251, 47.6480, 57.9788



43.0474, 42.4896, 40.5838

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.



46.4450, 47.6480, 43.6761



42.8251, 47.6480, 57.9788



48.5622, 47.6480, 50.4007

Square

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



42.8251, 47.6480, 57.9788



47.3701, 47.6480, 59.4028



47.8436, 47.6480, 46.2257



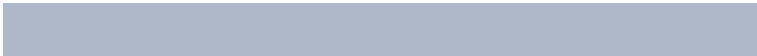
43.2678, 47.6480, 45.0218

Rectangle

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



42.8251, 47.6480, 57.9788



45.2464, 47.6480, 61.7248



47.8436, 47.6480, 46.2257



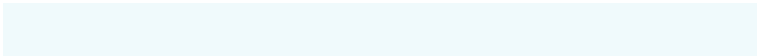
45.3296, 47.6480, 43.1429

Sweetspot

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



42.8265, 47.6500, 57.9799



87.7068, 93.9281, 105.9771



41.5287, 49.2237, 44.6937



19.0518, 20.4545, 23.1939



0.0000, 0.0000, 0.0000



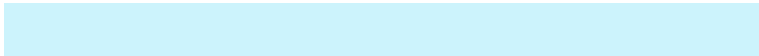
20.3446, 21.4041, 23.3091

Same Dimension

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



42.8265, 47.6500, 57.9799



74.7785, 84.1659, 104.7742



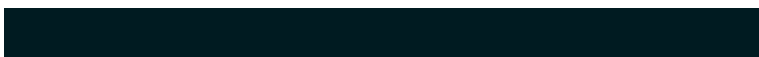
39.7512, 41.4994, 56.9548



10.1976, 11.0865, 12.8873



14.3277, 18.4118, 36.3553



0.6625, 0.8825, 1.5853

Inverse Universe

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



44.4236, 41.2956, 53.2087



78.2196, 70.6773, 94.4483



46.0384, 48.4718, 41.5808



10.4110, 10.2130, 12.2551



18.6279, 9.1409, 21.7504



0.8268, 0.4037, 1.0554

Previews

White Background



This preview shows how the XYZ color 42.8251, 47.6480, 57.9788 looks on a white background.

Color Contrast Check

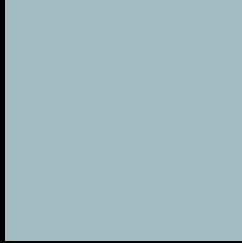
Large Text (above 18pt) WCAG AA × Fail

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 42.8251, 47.6480, 57.9788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

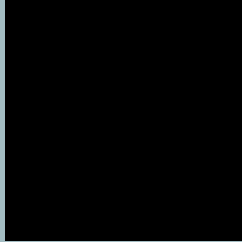
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8251, 47.6480, 57.9788

Background



This preview shows how black text looks on a background with the XYZ color 42.8251, 47.6480, 57.9788.



This preview shows how white text looks on a background with the XYZ color 42.8251, 47.6480,

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

42.8251, 47.6480, 57.9788

Protanopia

45.8991, 47.4078, 56.0217

Deuteranopia

48.3899, 47.4284, 58.8287



Tritanopia

43.7408, 47.6974, 62.7783

Trichromacy



Original Color

42.8251, 47.6480, 57.9788

Protanomaly

44.5594, 47.3169, 56.6537

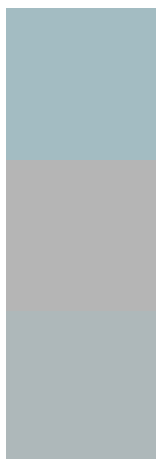
Deuteranomaly

46.1067, 47.4633, 58.3610

Tritanomaly

43.3890, 47.5567, 60.9253

Monochromacy



Original Color

42.8251, 47.6480, 57.9788

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.4590, 46.8248, 53.2019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8251, 47.6480, 57.9788 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, 188, 194)` looks like.

```
.text, #text, p{  
    color:rgb(163, 188, 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, 188, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 188, 194) }
```

Border

The CSS property to change the border of an element to XYZ 42.8251, 47.6480, 57.9788 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, 188, 194) }
```


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

```
.border{ border-color:rgb(163, 188, 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, 188, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 188, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 188, 194);  
box-shadow:4px 4px 4px 4px rgb(163, 188,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8251, 47.6480, 57.9788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 188, 194) }
```

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

```
.background{ background-color: rgb(163,  
188, 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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