

Converting Colors

XYZ(42.8129, 48.0168, 60.0302)

Have a look what the booklet for
XYZ(42.8129, 48.0168, 60.0302)
contains.

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Color

**XYZ(42.7728, 47.9000,
59.8146)**

Conversions

Conversions Part 1

Format	Color
Hex	A0BDC5
RGB	160, 189, 197
RGB Percent	63%, 74%, 77%
CMY	0.3725, 0.2588, 0.2274
CMYK	0.19, 0.04, 0.00, 0.23
HSL	193°, 24%, 70%
HSV	193°, 19%, 77%
XYZ	42.7728, 47.9000, 59.8146
YIQ	181.2410, -19.8520, -3.6600

Conversions

Conversions Part 2

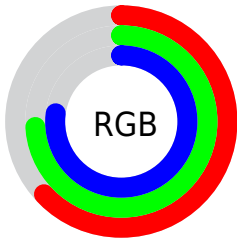
Format	Color
RYB	160, 176, 197
Decimal	10534341
CIELab	74.76, -8.06, -7.31
CIElCh	75, 10.880, 222.238
Yxy	47.9000, 0.2842, 0.3183
Android (android.graphics.Color)	4288724421 (0xFFA0BDC5)
YUV	181.2410, 7.7692, -18.6284
Hunter-Lab	69.2098, -10.8013, -2.7945

Details

The XYZ color **42.7728, 47.9000, 59.8146** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3741, 42.4135, 39.1591**, and the grayscale version is **44.0194, 46.3119, 50.4336**.

A 20% lighter version of the original color is **78.5661, 86.9076, 106.3999**, and **19.9464, 22.7796, 29.3322** is the 20% darker color. If you saturate the color by 10%, you get **38.2402, 44.2247, 59.3449**, and if you desaturate by 10%, it is **47.9592, 51.9548, 60.3247**.

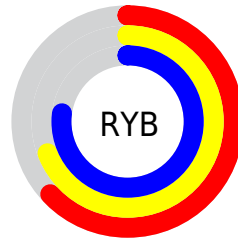
Distribution



Red (63%)

Green (74%)

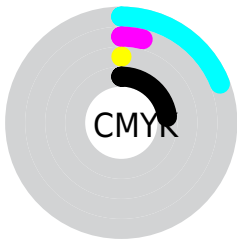
Blue (77%)



Red (63%)

Yellow (69%)

Blue (77%)

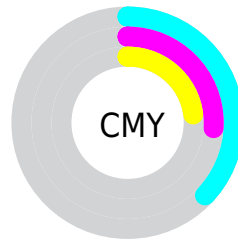


Cyan (19%)

Magenta (4%)

Yellow (0%)

Black (23%)



Cyan (37%)

Magenta (26%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7728, 47.9000, 59.8146 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 42.7728, 47.9000, 59.8146 by changing the saturation by 10% instead.

■ 42.7728, 47.9000,
59.8146

■ 42.7728, 47.9000,
59.8146

348.6139,
378.3956, 441.6997

■ 29.9006, 33.7477,
42.8449

■ 78.6257, 87.0555,
106.1014

■ 19.9109, 22.6998,
29.4329

■ 102.3372,
112.8275, 136.2556

■ 12.4382, 14.3720,
19.1602

130.3926,
143.2415, 171.6417

■ 7.1171, 8.3799,
11.6081

163.1571,
178.6819, 212.6782

■ 3.5824, 4.3390,
6.3581

200.9961,
219.5331, 259.7838

■ 1.4687, 1.8649,
2.9918

244.2750,

■ 0.3044, 0.5272,

266.1796, 313.3768

1.0904

293.3592,
319.0056, 373.8760

■ 0.0000, 0.0000,
0.0000

■ 42.7728, 47.9000,
59.8146

■ 42.7728, 47.9000,
59.8146

■ 38.2402, 44.2247,
59.3449

■ 47.9592, 51.9548,
60.3247

■ 34.3275, 40.9073,
58.9108

■ 53.8228, 56.3976,
60.8732

■ 31.0044, 37.9331,
58.5118

■ 60.3909, 61.2443,
61.4625

■ 28.2359, 35.2838,
58.1464

■ 67.6881, 66.5077,
62.0938

■ 25.9835, 32.9390,
57.8125

■ 74.4376, 71.5300,
62.7075

■ 24.2031, 30.8758,
57.5081

■ 75.5049, 73.6646,
63.0633

■ 22.8434, 29.0672,
57.2307

■ 76.6003, 75.8556,
63.4284

■ 21.8195, 27.4693,
56.9762

■ 77.7242, 78.1034,
63.8031

■ 21.7033, 27.2815,
56.9461

■ 78.8768, 80.4084,
64.1872

Harmonies

Analogous

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



41.9154, 47.9000, 54.4950



42.7728, 47.9000, 59.8146



44.3785, 47.9000, 63.2159

Triad

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



42.7728, 47.9000, 59.8146



49.2415, 47.9000, 55.5445



44.7271, 47.9000, 42.2297

Complementary

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



42.7728, 47.9000, 59.8146



43.3741, 42.4135, 39.1591

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.



46.6962, 47.9000, 42.4659



42.7728, 47.9000, 59.8146



49.3414, 47.9000, 49.8829

Square

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



42.7728, 47.9000, 59.8146



48.1289, 47.9000, 60.6306



48.3980, 47.9000, 45.1788



43.0216, 47.9000, 44.5084

Rectangle

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



42.7728, 47.9000, 59.8146



45.6760, 47.9000, 63.7978



48.3980, 47.9000, 45.1788



45.3794, 47.9000, 42.0225

Sweetspot

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



42.7742, 47.9020, 59.8157



88.5975, 95.1209, 108.2983



41.4764, 50.2118, 44.2600



18.8191, 20.2495, 23.1666



0.0000, 0.0000, 0.0000



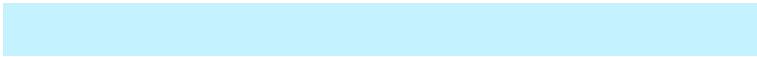
20.3446, 21.4041, 23.3091

Same Dimension

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



42.7742, 47.9020, 59.8157



72.7545, 82.6995, 106.7358



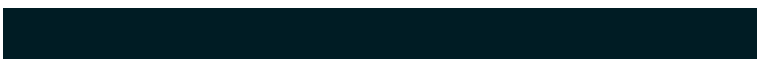
39.1579, 40.6693, 58.6102



10.7447, 11.6634, 13.6025



14.3382, 18.0703, 37.4766



0.7287, 0.9553, 1.7911

Inverse Universe

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



44.7832, 40.6870, 53.6395



77.1346, 67.3282, 93.1892



46.9098, 49.4849, 40.3376



10.9812, 10.7758, 12.8840



19.0366, 9.3642, 21.2004



0.9265, 0.4535, 1.1363

Previews

White Background



This preview shows how the XYZ color 42.7728, 47.9000, 59.8146 looks on a white background.

Color Contrast Check

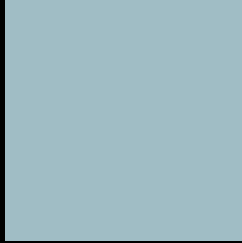
Large Text (above 18pt) WCAG AA × Fail

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 42.7728, 47.9000, 59.8146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

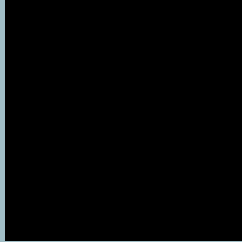
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7728, 47.9000, 59.8146

Background



This preview shows how black text looks on a background with the XYZ color 42.7728, 47.9000, 59.8146.



This preview shows how white text looks on a background with the XYZ color 42.7728, 47.9000,

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

42.7728, 47.9000, 59.8146

Protanopia

46.3263, 47.9076, 57.2575

Deuteranopia

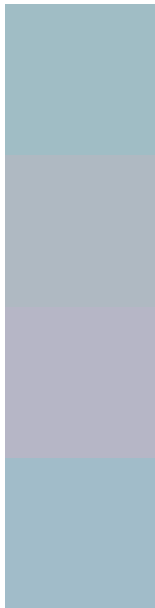
48.4773, 47.4336, 60.6334



Tritanopia

43.4607, 47.8553, 63.4463

Trichromacy



Original Color

42.7728, 47.9000, 59.8146

Protanomaly

44.7658, 47.7069, 57.8879

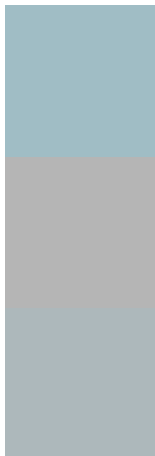
Deuteranomaly

46.2124, 47.4782, 60.1546

Tritanomaly

43.2238, 47.7606, 62.1989

Monochromacy



Original Color

42.7728, 47.9000, 59.8146

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.3437, 46.7531, 53.7535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7728, 47.9000, 59.8146 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(160, 189, 197)` looks like.

```
.text, #text, p{  
    color:rgb(160, 189, 197)  
}
```

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(160, 189, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 189, 197) }
```

Border

The CSS property to change the border of an element to XYZ 42.7728, 47.9000, 59.8146 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(160, 189, 197) }
```


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

```
.border{ border-color:rgb(160, 189, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 189, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 189, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 189, 197);  
box-shadow:4px 4px 4px 4px rgb(160, 189,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7728, 47.9000, 59.8146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 189, 197) }
```

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

```
.background{ background-color: rgb(160,  
189, 197) }
```

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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