

Converting Colors

XYZ(42.8023, 48.4949, 63.0720)

Have a look what the booklet for
XYZ(42.8023, 48.4949, 63.0720)
contains.

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Color

**XYZ(42.8090, 48.4944,
62.9812)**

Conversions

Conversions Part 1

Format	Color
Hex	9BBFCA
RGB	155, 191, 202
RGB Percent	61%, 75%, 79%
CMY	0.3921, 0.2510, 0.2078
CMYK	0.23, 0.05, 0.00, 0.21
HSL	194°, 31%, 70%
HSV	194°, 23%, 79%
XYZ	42.8090, 48.4944, 62.9812
YIQ	181.4900, -24.9870, -4.2110

Conversions

Conversions Part 2

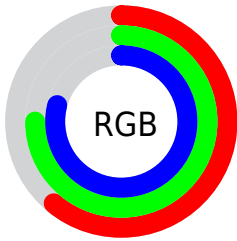
Format	Color
RYB	155, 175, 202
Decimal	10207178
CIELab	75.14, -9.56, -9.51
CIELCh	75, 13.483, 224.854
Yxy	48.4944, 0.2775, 0.3143
Android (android.graphics.Color)	4288397258 (0xFF9BBFCA)
YUV	181.4900, 10.1114, -23.2317
Hunter-Lab	69.6379, -12.1358, -4.8759

Details

The XYZ color **42.8090, 48.4944, 62.9812** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9102, 42.1957, 36.8416**, and the grayscale version is **44.1440, 46.4429, 50.5763**.

A 20% lighter version of the original color is **77.8891, 87.4432, 107.3808**, and **20.0273, 23.1986, 31.4392** is the 20% darker color. If you saturate the color by 10%, you get **38.2380, 44.6335, 62.4777**, and if you desaturate by 10%, it is **48.0647, 52.7601, 63.5284**.

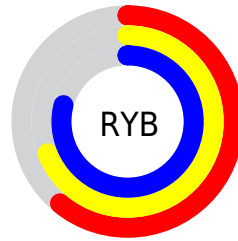
Distribution



Red (61%)

Green (75%)

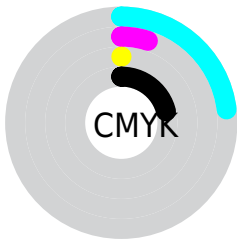
Blue (79%)



Red (61%)

Yellow (69%)

Blue (79%)

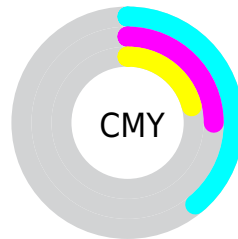


Cyan (23%)

Magenta (5%)

Yellow (0%)

Black (21%)



Cyan (39%)

Magenta (25%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8090, 48.4944, 62.9812 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 42.8090, 48.4944, 62.9812 by changing the saturation by 10% instead.

■ 42.8090, 48.4944,
62.9812

■ 42.8090, 48.4944,
62.9812

348.7605,
380.7485, 453.6073

■ 29.9292, 34.2186,
45.3851

■ 78.6801, 87.9401,
110.7277

■ 19.9326, 23.0616,
31.4157

■ 102.4020,
113.8787, 141.7152

■ 12.4541, 14.6390,
20.6545

130.4687,
144.4737, 178.0035

■ 7.1281, 8.5664,
12.6829

163.2454,
180.1095, 220.0113

■ 3.5894, 4.4595,
7.0824

201.0976,
221.1705, 268.1570

■ 1.4726, 1.9338,
3.4345

244.3907,

■ 0.3071, 0.5686,

268.0411, 322.8592

1.3205

293.4898,
321.1056, 384.5365

■ 0.0000, 0.0000,
0.0785

■ 0.0000, 0.0000,
0.0000

■ 42.8090, 48.4944,
62.9812

■ 42.8090, 48.4944,
62.9812

■ 38.2380, 44.6335,
62.4777

■ 48.0647, 52.7601,
63.5284

■ 34.3148, 41.1543,
62.0129

■ 54.0310, 57.4408,
64.1174

■ 31.0056, 38.0400,
61.5862

■ 60.7378, 62.5535,
64.7507

■ 28.2714, 35.2702,
61.1957

■ 68.2119, 68.1125,
65.4298

■ 26.0689, 32.8219,
60.8392

■ 76.1090, 73.9407,
66.1385

■ 24.3480, 30.6690,
60.5144

■ 77.3274, 76.3775,
66.5447

■ 23.0485, 28.7799,
60.2182

■ 78.5809, 78.8844,
66.9625

■ 22.3380, 27.6187,
60.0315

■ 79.8696, 81.4620,
67.3921

■ 81.1940, 84.1107,
67.8335

Harmonies

Analogous

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



41.6553, 48.4944, 56.3640



42.8090, 48.4944, 62.9812



44.8634, 48.4944, 67.0397

Triad

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



42.8090, 48.4944, 62.9812



50.8273, 48.4944, 56.4340



44.8864, 48.4944, 40.7231

Complementary

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



42.8090, 48.4944, 62.9812



43.9102, 42.1957, 36.8416

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.



47.3438, 48.4944, 40.7382



42.8090, 48.4944, 62.9812



50.8340, 48.4944, 49.3937

Square

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



42.8090, 48.4944, 62.9812



49.5217, 48.4944, 63.0364



49.5397, 48.4944, 43.7836



42.8253, 48.4944, 43.7403

Rectangle

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



42.8090, 48.4944, 62.9812



46.4952, 48.4944, 67.5375



49.5397, 48.4944, 43.7836



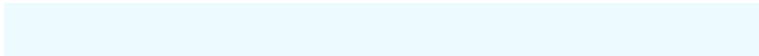
45.6920, 48.4944, 40.3830

Sweetspot

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



42.8104, 48.4964, 62.9823



87.4671, 94.1343, 108.1675



41.5189, 51.9625, 43.9028



18.5879, 20.0440, 23.1391



0.0000, 0.0000, 0.0000



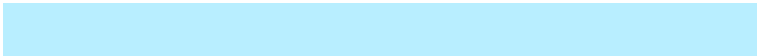
20.3446, 21.4041, 23.3091

Same Dimension

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



42.8104, 48.4964, 62.9823



68.3813, 78.6808, 106.1906



38.0958, 39.0671, 61.4108



11.3121, 12.2647, 14.3415



14.4449, 17.9139, 38.6527



0.8006, 1.0351, 2.0125

Inverse Universe

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



45.4836, 39.7619, 54.5700



73.7732, 61.5653, 89.1097



48.5725, 51.5203, 38.3957



11.5709, 11.3571, 13.5410



19.5020, 9.6114, 20.8942



1.0341, 0.5070, 1.2253

Previews

White Background



This preview shows how the XYZ color 42.8090, 48.4944, 62.9812 looks on a white background.

Color Contrast Check

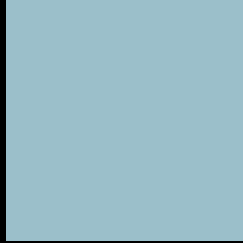
Large Text (above 18pt) WCAG AA × Fail

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 42.8090, 48.4944, 62.9812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

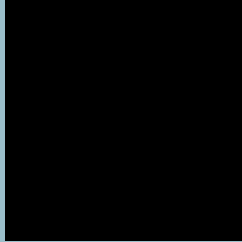
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8090, 48.4944, 62.9812

Background



This preview shows how black text looks on a background with the XYZ color 42.8090, 48.4944, 62.9812.



This preview shows how white text looks on a background with the XYZ color 42.8090, 48.4944,

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

42.8090, 48.4944, 62.9812

Protanopia

46.7787, 48.0885, 59.6398

Deuteranopia

49.2127, 48.3396, 63.8634



Tritanopia

43.2643, 48.3511, 65.4449

Trichromacy



Original Color

42.8090, 48.4944, 62.9812

Protanomaly

45.1013, 48.1256, 60.9449

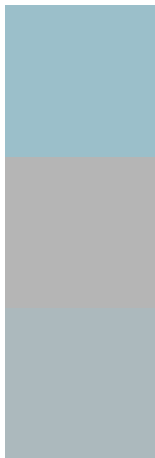
Deuteranomaly

46.5104, 48.1765, 63.3475

Tritanomaly

43.1432, 48.3026, 64.8071

Monochromacy



Original Color

42.8090, 48.4944, 62.9812

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5475, 47.1427, 54.9484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8090, 48.4944, 62.9812 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(155, 191, 202)` looks like.

```
.text, #text, p{  
    color:rgb(155, 191, 202)  
}
```

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(155, 191, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 191, 202) }
```

Border

The CSS property to change the border of an element to XYZ 42.8090, 48.4944, 62.9812 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(155, 191, 202) }
```


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

```
.border{ border-color:rgb(155, 191, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 191, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 191, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 191, 202);  
box-shadow:4px 4px 4px 4px rgb(155, 191,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8090, 48.4944, 62.9812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 191, 202) }
```

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

```
.background{ background-color: rgb(155,  
191, 202) }
```

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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