

Converting Colors

XYZ(42.4118, 48.6417, 61.7970)

Have a look what the booklet for
XYZ(42.4118, 48.6417, 61.7970)
contains.

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Color

**XYZ(42.4118, 48.6417,
61.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	99C0C8
RGB	153, 192, 200
RGB Percent	60%, 75%, 78%
CMY	0.4000, 0.2470, 0.2157
CMYK	0.23, 0.04, 0.00, 0.22
HSL	190°, 30%, 69%
HSV	190°, 23%, 78%
XYZ	42.4118, 48.6417, 61.7970
YIQ	181.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

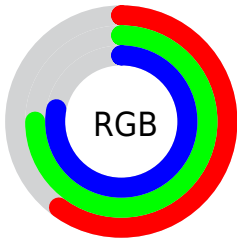
Format	Color
R _Y B	153, 174, 200
Decimal	10076360
CIE Lab	75.23, -11.14, -8.30
CIE LCh	75, 13.896, 216.676
Yxy	48.6417, 0.2775, 0.3182
Android (android.graphics.Color)	4288266440 (0xFF99C0C8)
YUV	181.2510, 9.2433, -24.7761
Hunter-Lab	69.7436, -13.5036, -3.7140

Details

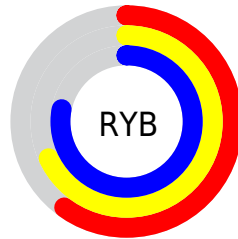
The XYZ color **42.4118, 48.6417, 61.7970** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.3145, 40.0691, 35.6418**, and the grayscale version is **44.0194, 46.3119, 50.4336**.

A 20% lighter version of the original color is **77.6298, 87.7647, 107.4565**, and **19.7878, 23.3073, 30.6500** is the 20% darker color. If you saturate the color by 10%, you get **38.2105, 45.3805, 61.3898**, and if you desaturate by 10%, it is **47.2660, 52.2676, 62.2418**.

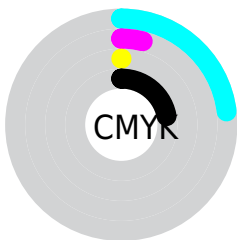
Distribution



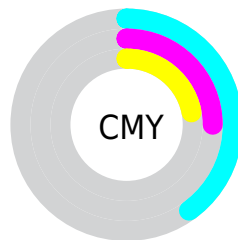
- Red (60%)
- Green (75%)
- Blue (78%)



- Red (60%)
- Yellow (68%)
- Blue (78%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4118, 48.6417, 61.7970 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 42.4118, 48.6417, 61.7970 by changing the saturation by 10% instead.

■ 42.4118, 48.6417,
61.7970

■ 42.4118, 48.6417,
61.7970

347.1498,
381.3301, 449.1774

■ 29.6164, 34.3353,
44.4340

■ 78.0837, 88.1591,
109.0008

■ 19.6942, 23.1513,
30.6721

■ 101.6910,
114.1389, 139.6787

■ 12.2799, 14.7053,
20.0929

129.6329,
144.7786, 175.6319

■ 7.0082, 8.6128,
12.2779

162.2748,
180.4626, 217.2791

■ 3.5136, 4.4895,
6.8084

199.9821,
221.5754, 265.0387

■ 1.4308, 1.9510,
3.2659

243.1202,

■ 0.2780, 0.5788,

268.5013, 319.3292

1.2320

292.0543,
321.6247, 380.5693

■ 0.0000, 0.0000,
0.0050

■ 0.0000, 0.0000,
0.0000

■ 42.4118, 48.6417,
61.7970

■ 42.4118, 48.6417,
61.7970

■ 38.2105, 45.3805,
61.3898

■ 47.2660, 52.2676,
62.2418

■ 34.6261, 42.4616,
61.0153

■ 52.7982, 56.2676,
62.7223

■ 31.6257, 39.8691,
60.6730

■ 59.0375, 60.6581,
63.2409

■ 29.1715, 37.5833,
60.3612

■ 66.0098, 65.4526,
63.7989

■ 27.2213, 35.5823,
60.0777

■ 73.7399, 70.6641,
64.3974

■ 25.7263, 33.8407,
59.8203

■ 75.3149, 72.7291,
64.7129

■ 24.6276, 32.3280,
59.5863

■ 76.1769, 74.4531,
65.0003

■ 24.0560, 31.4313,
59.4433

■ 77.0570, 76.2132,
65.2936

■ 77.9552, 78.0096,
65.5930

Harmonies

Analogous

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



41.5332, 48.6417, 54.6112



42.4118, 48.6417, 61.7970



44.3189, 48.6417, 66.9266

Triad

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



42.4118, 48.6417, 61.7970



50.8810, 48.6417, 58.7170



45.6650, 48.6417, 40.2081

Complementary

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



42.4118, 48.6417, 61.7970



42.3145, 40.0691, 35.6418

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.



48.2004, 48.6417, 41.0899



42.4118, 48.6417, 61.7970



51.2735, 48.6417, 51.3474

Square

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



42.4118, 48.6417, 61.7970



49.2222, 48.6417, 65.0373



50.2760, 48.6417, 45.0129



43.3663, 48.6417, 42.4832

Rectangle

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



42.4118, 48.6417, 61.7970



45.9489, 48.6417, 68.2484



50.2760, 48.6417, 45.0129



46.5173, 48.6417, 40.1486

Sweetspot

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



42.4132, 48.6437, 61.7981



87.8238, 94.8477, 108.2864



40.2104, 50.6491, 41.2991



18.6707, 20.2096, 23.1667



0.0000, 0.0000, 0.0000



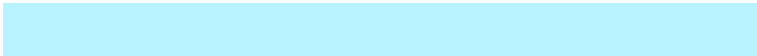
20.3446, 21.4041, 23.3091

Same Dimension

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



42.4132, 48.6437, 61.7981



69.7273, 81.3728, 106.6392



37.6891, 39.1955, 60.2234



10.7872, 11.7485, 13.6166



15.3529, 20.0996, 37.8148



0.7687, 1.0352, 1.8044

Inverse Universe

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



44.7262, 38.8687, 55.0165



74.4526, 61.8371, 92.6874



46.7798, 48.9998, 37.1303



11.0026, 10.7844, 12.9971



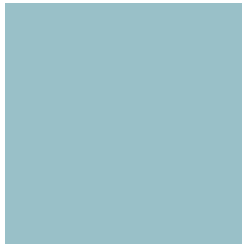
19.5487, 9.5691, 23.8973



0.9467, 0.4615, 1.2425

Previews

White Background



This preview shows how the XYZ color 42.4118, 48.6417, 61.7970 looks on a white background.

Color Contrast Check

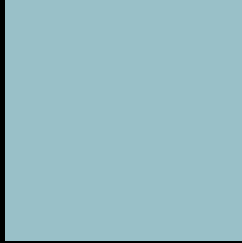
Large Text (above 18pt) WCAG AA × Fail

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 42.4118, 48.6417, 61.7970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

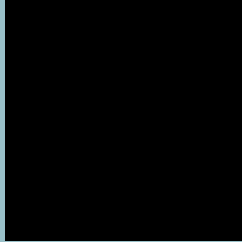
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4118, 48.6417, 61.7970

Background



This preview shows how black text looks on a background with the XYZ color 42.4118, 48.6417, 61.7970.



This preview shows how white text looks on a background with the XYZ color 42.4118, 48.6417,

61.7970.

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

42.4118, 48.6417, 61.7970

Protanopia

46.9984, 48.5354, 58.5209

Deuteranopia

49.6064, 48.5564, 63.2577



Tritanopia

43.0978, 48.5879, 65.4994

Trichromacy



Original Color

42.4118, 48.6417, 61.7970

Protanomaly

45.0819, 48.4561, 59.8002

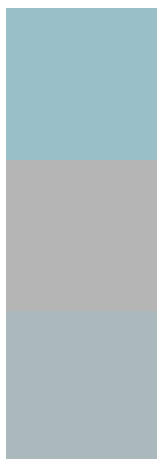
Deuteranomaly

46.6236, 48.2485, 62.7327

Tritanomaly

42.8563, 48.4913, 64.2277

Monochromacy



Original Color

42.4118, 48.6417, 61.7970

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.2206, 46.9867, 54.3683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4118, 48.6417, 61.7970 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(153, 192, 200)` looks like.

```
.text, #text, p{  
    color:rgb(153, 192, 200)  
}
```

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(153, 192, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 192, 200) }
```

Border

The CSS property to change the border of an element to XYZ 42.4118, 48.6417, 61.7970 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(153, 192, 200) }
```


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

```
.border{ border-color:rgb(153, 192, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 192, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 192, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 192, 200); box-shadow:4px 4px 4px 4px rgb(153, 192, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4118, 48.6417, 61.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 192, 200) }
```

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

```
.background{ background-color: rgb(153,  
192, 200) }
```

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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