

Converting Colors

XYZ(42.2841, 48.8016, 48.7009)

Have a look what the booklet for
XYZ(42.2841, 48.8016, 48.7009)
contains.

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Color

**XYZ(42.3025, 48.8729,
48.7988)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C0B1
RGB	165, 192, 177
RGB Percent	65%, 75%, 69%
CMY	0.3529, 0.2470, 0.3059
CMYK	0.14, 0.00, 0.08, 0.25
HSL	147°, 18%, 70%
HSV	147°, 14%, 75%
XYZ	42.3025, 48.8729, 48.7988
YIQ	182.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

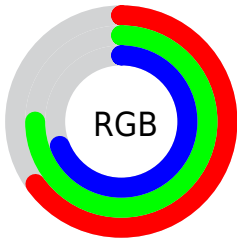
Format	Color
RYB	165, 184, 192
Decimal	10862769
CIELab	75.37, -12.10, 4.48
CIELCh	75, 12.900, 159.661
Yxy	48.8729, 0.3022, 0.3492
Android (android.graphics.Color)	4289052849 (0xFFA5C0B1)
YUV	182.2170, -2.5720, -15.0993
Hunter-Lab	69.9092, -14.3295, 7.5501

Details

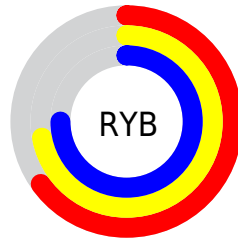
The XYZ color **42.3025, 48.8729, 48.7988** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4333, 41.4133, 48.8866**, and the grayscale version is **44.6007, 46.9234, 51.0996**.

A 20% lighter version of the original color is **77.7906, 88.2336, 90.0216**, and **19.5366, 23.1429, 22.5061** is the 20% darker color. If you saturate the color by 10%, you get **37.5829, 46.5593, 43.2431**, and if you desaturate by 10%, it is **47.7076, 51.5330, 54.8226**.

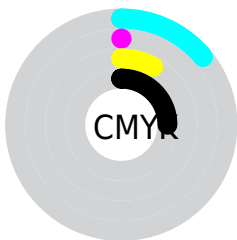
Distribution



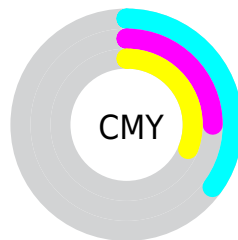
- Red (65%)
- Green (75%)
- Blue (69%)



- Red (65%)
- Yellow (72%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3025, 48.8729, 48.7988 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 42.3025, 48.8729, 48.7988 by changing the saturation by 10% instead.


 42.3025, 48.8729,
48.7988


 42.3025, 48.8729,
48.7988


346.7057,
382.2417, 398.5494

 29.5304, 34.5187,
34.0954

 77.9195, 88.5027,
89.7704

 19.6287, 23.2923,
22.6890


 101.4952,
114.5470, 116.8758

 12.2321, 14.8095,
14.1609


129.4027,
145.2568, 148.9522

 6.9753, 8.6858,
8.0926

162.0074,
181.0164, 186.4183

 3.4928, 4.5368,
4.0656

199.6747,
222.2104, 229.6925

 1.4194, 1.9782,
1.6614

242.7700,

 0.2700, 0.5947,

269.2230, 279.1934

0.3341

291.6585,
322.4386, 335.3395

■ 0.0000, 0.0000,
0.0000

■ 42.3025, 48.8729,
48.7988

■ 42.3025, 48.8729,
48.7988

■ 37.5829, 46.5593,
43.2431

■ 47.7076, 51.5330,
54.8226

■ 33.5161, 44.5715,
38.1410

■ 53.8208, 54.5469,
61.3221

■ 30.0729, 42.8960,
33.4820

■ 60.6689, 57.9297,
68.3087

■ 27.2201, 41.5160,
29.2540

■ 68.2759, 61.6935,
75.7925

■ 24.9215, 40.4130,
25.4441

■ 74.4213, 64.6934,
83.6784

■ 23.1364, 39.5662,
22.0389

■ 75.9689, 65.3124,
91.8280

■ 21.8181, 38.9520,
19.0241

■ 77.6099, 65.9688,
100.4692

■ 20.9108, 38.5417,
16.3845

■ 78.1405, 66.1811,
103.2635

■ 20.5032, 38.3622,
14.9865

Harmonies

Analogous

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



43.5995, 48.8729, 43.7719



42.3025, 48.8729, 48.7988



42.0963, 48.8729, 55.4383

Triad

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



42.3025, 48.8729, 48.7988



47.2224, 48.8729, 67.1692



50.0554, 48.8729, 45.2996

Complementary

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



42.3025, 48.8729, 48.7988



43.4333, 41.4133, 48.8866

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.



51.0988, 48.8729, 51.0506



42.3025, 48.8729, 48.7988



49.4267, 48.8729, 63.9254

Square

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



42.3025, 48.8729, 48.7988



44.8837, 48.8729, 66.4365



50.8648, 48.8729, 57.8884



48.0568, 48.8729, 41.8742

Rectangle

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



42.3025, 48.8729, 48.7988



42.5977, 48.8729, 59.9489



50.8648, 48.8729, 57.8884



50.5325, 48.8729, 47.0039

Sweetspot

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



42.3039, 48.8750, 48.7999



86.4389, 93.3703, 99.3303



44.5352, 50.1575, 42.9321



18.3749, 19.9478, 21.1254



92.9021, 97.7402, 106.4391



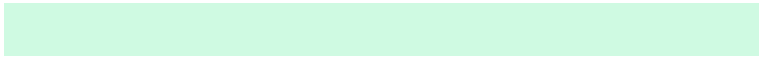
19.4759, 20.4902, 22.3138

Same Dimension

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



42.3039, 48.8750, 48.7999



73.7715, 87.1419, 85.0968



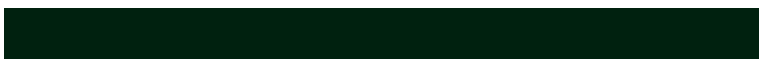
43.6845, 49.4272, 56.0701



10.1263, 11.3316, 11.6682



13.8338, 25.8276, 10.2836



0.6324, 1.1298, 0.6267

Inverse Universe

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



43.4333, 41.4133, 48.8866



76.2292, 70.9042, 85.2847



42.1514, 40.9005, 42.1361



10.3022, 10.1695, 11.6818



16.4415, 8.2664, 10.2370



0.7446, 0.3709, 0.6227

Previews

White Background



This preview shows how the XYZ color 42.3025, 48.8729, 48.7988 looks on a white background.

Color Contrast Check

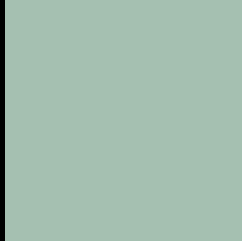
Large Text (above 18pt) WCAG AA × Fail

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 42.3025, 48.8729, 48.7988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

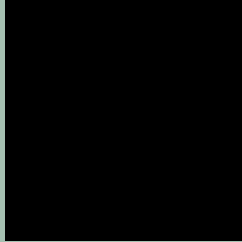
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3025, 48.8729, 48.7988

Background



This preview shows how black text looks on a background with the XYZ color 42.3025, 48.8729, 48.7988.



This preview shows how white text looks on a background with the XYZ color 42.3025, 48.8729,

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

42.3025, 48.8729, 48.7988

Protanopia

46.3776, 48.7914, 46.5085

Deuteranopia

49.5352, 48.5146, 49.9335



Tritanopia

45.3403, 48.8243, 63.5343

Trichromacy



Original Color

42.3025, 48.8729, 48.7988

Protanomaly

44.9146, 48.9675, 47.1288

Deuteranomaly

46.5124, 48.4828, 49.5545

Tritanomaly

44.0836, 48.6151, 58.0991

Monochromacy



Original Color

42.3025, 48.8729, 48.7988

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.7016, 47.6432, 50.0728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3025, 48.8729, 48.7988 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(165, 192, 177)` looks like.

```
.text, #text, p{  
    color:rgb(165, 192, 177)  
}
```

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(165, 192, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 192, 177) }
```

Border

The CSS property to change the border of an element to XYZ 42.3025, 48.8729, 48.7988 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(165, 192, 177) }
```


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

```
.border{ border-color:rgb(165, 192, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 192, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 192, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 192, 177);  
box-shadow:4px 4px 4px 4px rgb(165, 192,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3025, 48.8729, 48.7988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 192, 177) }
```

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

```
.background{ background-color: rgb(165,  
192, 177) }
```

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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