

Converting Colors

XYZ(42.7891, 49.8775, 51.3197)

Have a look what the booklet for
XYZ(42.7891, 49.8775, 51.3197)
contains.

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Color

**XYZ(42.7365, 49.7063,
51.0579)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A3C2B5 |
| RGB | 163, 194, 181 |
| RGB Percent | 64%, 76%, 71% |
| CMY | 0.3608, 0.2392, 0.2902 |
| CMYK | 0.16, 0.00, 0.07, 0.24 |
| HSL | 155°, 20%, 70% |
| HSV | 155°, 16%, 76% |
| XYZ | 42.7365, 49.7063, 51.0579 |
| YIQ | 183.2490, -14.3030, -10.6150 |

Conversions

Conversions Part 2

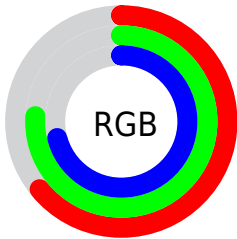
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 163, 183, 194 |
| Decimal | 10732213 |
| CIE Lab | 75.89, -13.02, 3.05 |
| CIE LCh | 76, 13.372, 166.826 |
| Yxy | 49.7063, 0.2978, 0.3464 |
| Android (android.graphics.Color) | 4288922293 (0xFFA3C2B5) |
| YUV | 183.2490, -1.1088, -17.7584 |
| Hunter-Lab | 70.5027, -15.1787, 6.4142 |

Details

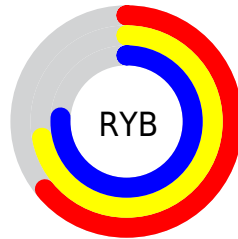
The XYZ color **42.7365, 49.7063, 51.0579** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.1835, 40.7995, 46.6755**, and the grayscale version is **45.1590, 47.5108, 51.7393**.

A 20% lighter version of the original color is **78.6967, 90.0142, 93.3475**, and **19.8299, 23.6942, 23.9504** is the 20% darker color. If you saturate the color by 10%, you get **38.2545, 47.4908, 46.6170**, and if you desaturate by 10%, it is **47.8795, 52.2597, 55.7863**.

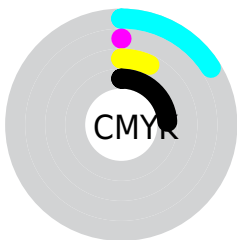
Distribution



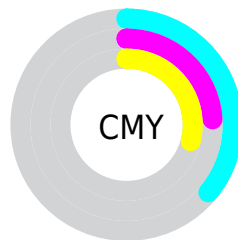
- Red (64%)
- Green (76%)
- Blue (71%)



- Red (64%)
- Yellow (72%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)





- Cyan (36%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7365, 49.7063, 51.0579 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 42.7365, 49.7063, 51.0579 by changing the saturation by 10% instead.


 42.7365, 49.7063,
51.0579


 42.7365, 49.7063,
51.0579


348.4669,
385.5163, 407.6417

 29.8720, 35.1801,
35.8776


 78.5713, 89.7396,
93.1527

 19.8891, 23.8016,
24.0508


 102.2723,
116.0154, 120.9044

 12.4222, 15.1865,
15.1587


130.3162,
146.9766, 153.6836

 7.1062, 8.9504,
8.7830

163.0684,
183.0075, 191.9089

 3.5755, 4.7088,
4.5050

200.8942,
224.4925, 235.9988

 1.4649, 2.0775,
1.9063

244.1590,

 0.3018, 0.6519,

271.8161, 286.3719

0.4967

293.2281,
325.3625, 343.4466

■ 0.0000, 0.0000,
0.0000

■ 42.7365, 49.7063,
51.0579

■ 42.7365, 49.7063,
51.0579

■ 38.2545, 47.4908,
46.6170

■ 47.8795, 52.2597,
55.7863

■ 34.4007, 45.5922,
42.4548

■ 53.7059, 55.1583,
60.8045

■ 31.1459, 43.9970,
38.5665

■ 60.2424, 58.4171,
66.1188

■ 28.4568, 42.6881,
34.9460

■ 67.5129, 62.0484,
71.7343

■ 26.2966, 41.6465,
31.5868

■ 73.6753, 65.1025,
77.5687

■ 24.6239, 40.8512,
28.4823

■ 74.7906, 65.5486,
83.4416

■ 23.3909, 40.2776,
25.6253

■ 75.9591, 66.0160,
89.5953

■ 22.5374, 39.8946,
23.0077

■ 77.1818, 66.5051,
96.0336

■ 22.2530, 39.7696,
22.0196

■ 78.4592, 67.0160,
102.7602

Harmonies

Analogous

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



43.8398, 49.7063, 45.2758



42.7365, 49.7063, 51.0579



42.8104, 49.7063, 58.1864

Triad

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



42.7365, 49.7063, 51.0579



48.6431, 49.7063, 68.3281



50.5948, 49.7063, 44.7298

Complementary

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



42.7365, 49.7063, 51.0579



43.1835, 40.7995, 46.6755

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.



51.9744, 49.7063, 50.2509



42.7365, 49.7063, 51.0579



50.8208, 49.7063, 64.0507

Square

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



42.7365, 49.7063, 51.0579



46.1621, 49.7063, 68.5924



52.0585, 49.7063, 57.3057



48.3434, 49.7063, 41.8443

Rectangle

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



42.7365, 49.7063, 51.0579



43.5165, 49.7063, 62.7586



52.0585, 49.7063, 57.3057



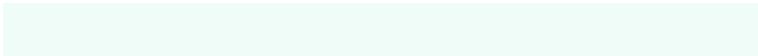
51.1792, 49.7063, 46.3159

Sweetspot

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



42.7379, 49.7084, 51.0590



87.6411, 95.1239, 101.8636



43.9069, 50.5109, 42.0864



19.0356, 20.7532, 22.1681



0.0000, 0.0000, 0.0000



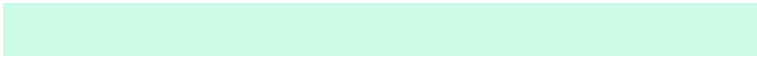
20.3446, 21.4041, 23.3091

Same Dimension

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



42.7379, 49.7084, 51.0590



74.5996, 88.6549, 89.7725



43.6785, 49.3537, 58.2655



10.1841, 11.3547, 11.9728



14.6717, 26.1627, 14.6960



0.6677, 1.1439, 0.8128

Inverse Universe

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



43.1835, 40.7995, 46.6755



75.5525, 69.6105, 80.4035



42.3276, 41.0492, 40.3433



10.2445, 10.1464, 11.3781



15.6520, 7.9505, 6.0794



0.7106, 0.3573, 0.4435

Previews

White Background



This preview shows how the XYZ color 42.7365, 49.7063, 51.0579 looks on a white background.

Color Contrast Check

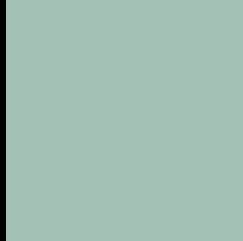
Large Text (above 18pt) WCAG AA × Fail

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 42.7365, 49.7063, 51.0579 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

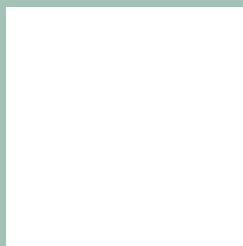
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7365, 49.7063, 51.0579

Background



This preview shows how black text looks on a background with the XYZ color 42.7365, 49.7063, 51.0579.



This preview shows how white text looks on a background with the XYZ color 42.7365, 49.7063,

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

42.7365, 49.7063, 51.0579

Protanopia

47.2329, 49.4986, 48.6597

Deuteranopia

50.6292, 49.6303, 52.2585



Tritanopia

45.4904, 49.4986, 65.5491

Trichromacy



Original Color

42.7365, 49.7063, 51.0579

Protanomaly

45.2895, 49.4333, 49.2740

Deuteranomaly

47.3414, 49.4839, 51.8559

Tritanomaly

44.4347, 49.3998, 60.0165

Monochromacy



Original Color

42.7365, 49.7063, 51.0579

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.1183, 48.1482, 51.2242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7365, 49.7063, 51.0579 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, 194, 181)` looks like.

```
.text, #text, p{  
    color:rgb(163, 194, 181)  
}
```

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, 194, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 194, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.7365, 49.7063, 51.0579 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, 194, 181) }
```


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

```
.border{ border-color:rgb(163, 194, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 194, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 194, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 194, 181);  
box-shadow:4px 4px 4px 4px rgb(163, 194,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7365, 49.7063, 51.0579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 194, 181) }
```

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

```
.background{ background-color: rgb(163,  
194, 181) }
```

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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