

Converting Colors

XYZ(49.2159, 60.9597, 66.3037)

Have a look what the booklet for
XYZ(49.2159, 60.9597, 66.3037)
contains.

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Color

**XYZ(49.2295, 60.9539,
66.2974)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD9CC
RGB	155, 217, 204
RGB Percent	61%, 85%, 80%
CMY	0.3921, 0.1490, 0.2000
CMYK	0.29, 0.00, 0.06, 0.15
HSL	167°, 45%, 73%
HSV	167°, 29%, 85%
XYZ	49.2295, 60.9539, 66.2974
YIQ	196.9800, -32.7790, -17.1870

Conversions

Conversions Part 2

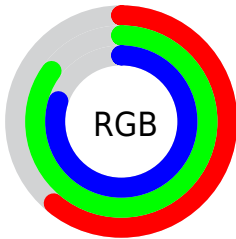
Format	Color
RYB	155, 190, 217
Decimal	10213836
CIELab	82.35, -22.40, 0.06
CIELCh	82, 22.396, 179.845
Yxy	60.9539, 0.2790, 0.3454
Android (android.graphics.Color)	4288403916 (0xFF9BD9CC)
YUV	196.9800, 3.4609, -36.8165
Hunter-Lab	78.0730, -24.0732, 4.3037

Details

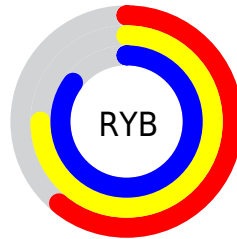
The XYZ color **49.2295, 60.9539, 66.2974** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.4066, 41.0232, 42.4678**, and the grayscale version is **53.0542, 55.8171, 60.7849**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **23.9048, 30.8674, 33.5523** is the 20% darker color. If you saturate the color by 10%, you get **44.8958, 58.7835, 63.2878**, and if you desaturate by 10%, it is **54.3310, 63.5214, 69.4288**.

Distribution



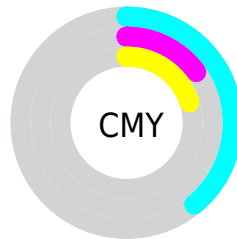
- Red (61%)
- Green (85%)
- Blue (80%)



- Red (61%)
- Yellow (75%)
- Blue (85%)



- Cyan (29%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (39%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2295, 60.9539, 66.2974 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 49.2295, 60.9539, 66.2974 by changing the saturation by 10% instead.


 49.2295, 60.9539,
66.2974


 49.2295, 60.9539,
66.2974


374.1471,
428.1050, 465.8730

 35.0169, 44.1880,
48.0559


 88.2309, 106.2122,
115.5441

 23.8424, 30.8183,
33.5108


 113.7503,
135.4733, 147.3864

 15.3409, 20.4605,
22.2437


143.7694,
169.6683, 184.5994

 9.1468, 12.7302,
13.8361

178.6535,
209.1816, 227.6015

 4.8950, 7.2431,
7.8693

218.7680,
254.3975, 276.8114

 2.2199, 3.6146,
3.9249

264.4782,

 0.7532, 1.4604,

305.7004, 332.6476

1.5842

316.1494,
363.4748, 395.5286

■ 0.0000, 0.2606,
0.2795

■ 0.0000, 0.0000,
0.0000

■ 49.2295, 60.9539,
66.2974

■ 49.2295, 60.9539,
66.2974

■ 44.8958, 58.7835,
63.2878

■ 54.3310, 63.5214,
69.4288

■ 41.2844, 56.9821,
60.3932

■ 60.2324, 66.4979,
72.6804

■ 38.3533, 55.5296,
57.6124

■ 66.9702, 69.9036,
76.0557

■ 36.0533, 54.4006,
54.9422

■ 74.5770, 73.7554,
79.5570

■ 34.3292, 53.5668,
52.3794

■ 79.8854, 76.4205,
83.0367

■ 33.1155, 52.9943,
49.9202

■ 80.5211, 76.6747,
86.3844

■ 32.3131, 52.6320,
47.5591

■ 81.1736, 76.9357,
89.8202

■ 32.2120, 52.5871,
47.2289

■ 81.8429, 77.2034,
93.3447

■ 82.5291, 77.4780,
96.9586

Harmonies

Analogous

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



50.3527, 60.9539, 54.0158



49.2295, 60.9539, 66.2974



50.3301, 60.9539, 80.3340

Triad

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



49.2295, 60.9539, 66.2974



62.6255, 60.9539, 91.8898



62.6708, 60.9539, 46.1286

Complementary

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



49.2295, 60.9539, 66.2974



47.4066, 41.0232, 42.4678

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.



66.2695, 60.9539, 54.1232



49.2295, 60.9539, 66.2974



66.2424, 60.9539, 80.4739

Square

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



49.2295, 60.9539, 66.2974



57.9100, 60.9539, 96.2905



67.6103, 60.9539, 66.4395



57.9597, 60.9539, 43.3923

Rectangle

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



49.2295, 60.9539, 66.2974



52.2133, 60.9539, 88.5639



67.6103, 60.9539, 66.4395



64.0599, 60.9539, 48.2306

Sweetspot

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



49.2312, 60.9564, 66.2988



86.3396, 95.5980, 104.4981



46.9720, 60.3673, 40.1877



18.1990, 20.3199, 22.2175



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.



49.2312, 60.9564, 66.2988



67.2319, 85.9816, 93.0340



46.5671, 53.0270, 73.4294



13.3218, 14.7804, 16.1576



19.5383, 31.8480, 28.7979



1.2957, 2.0752, 2.0234

Inverse Universe

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



47.4066, 41.0232, 42.4678



64.2124, 52.9419, 53.5579



49.3943, 46.8413, 37.4493



13.1672, 13.0960, 14.1417



17.6462, 9.0595, 2.5170



1.1750, 0.5996, 0.3302

Previews

White Background



This preview shows how the XYZ color 49.2295, 60.9539, 66.2974 looks on a white background.

Color Contrast Check

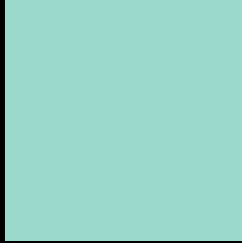
Large Text (above 18pt) WCAG AA × Fail

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 49.2295, 60.9539, 66.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

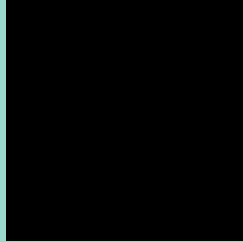
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2295, 60.9539, 66.2974

Background



This preview shows how black text looks on a background with the XYZ color 49.2295, 60.9539, 66.2974.

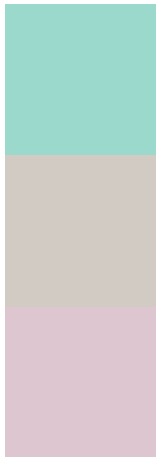


This preview shows how white text looks on a background with the XYZ color 49.2295, 60.9539,

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

49.2295, 60.9539, 66.2974

Protanopia

57.8981, 60.3990, 60.8312

Deuteranopia

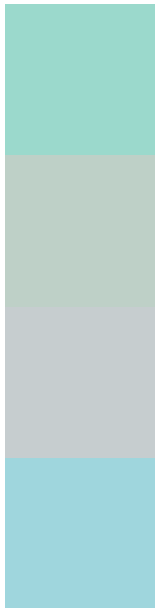
61.7035, 60.4718, 68.0946



Tritanopia

52.7751, 60.8787, 83.8321

Trichromacy



Original Color

49.2295, 60.9539, 66.2974

Protanomaly

54.0999, 60.1824, 62.7978

Deuteranomaly

56.3825, 60.1734, 67.6744

Tritanomaly

51.3958, 60.6845, 77.4111

Monochromacy



Original Color

49.2295, 60.9539, 66.2974

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.3096, 57.3009, 62.9995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2295, 60.9539, 66.2974 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, 217, 204)` looks like.

```
.text, #text, p{  
    color:rgb(155, 217, 204)  
}
```

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, 217, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 217, 204) }
```

Border

The CSS property to change the border of an element to XYZ 49.2295, 60.9539, 66.2974 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, 217, 204) }
```


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

```
.border{ border-color:rgb(155, 217, 204) }
```

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

Here you see how a box with a 4 pixel rgb(155, 217, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 217, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 217, 204);  
box-shadow:4px 4px 4px 4px rgb(155, 217,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2295, 60.9539, 66.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 217, 204) }
```

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

```
.background{ background-color: rgb(155,  
217, 204) }
```

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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