

Converting Colors

XYZ(49.0818, 55.2300, 65.3323)

Have a look what the booklet for
XYZ(49.0818, 55.2300, 65.3323)
contains.

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Color

**XYZ(49.2532, 55.4849,
65.2405)**

Conversions

Conversions Part 1

Format	Color
Hex	ADCACC
RGB	173, 202, 204
RGB Percent	68%, 79%, 80%
CMY	0.3216, 0.2078, 0.2000
CMYK	0.15, 0.01, 0.00, 0.20
HSL	184°, 23%, 74%
HSV	184°, 15%, 80%
XYZ	49.2532, 55.4849, 65.2405
YIQ	193.5570, -17.9260, -5.5260

Conversions

Conversions Part 2

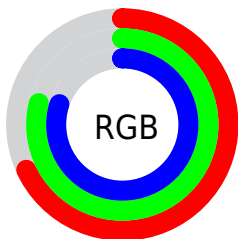
Format	Color
R_{YB}	173, 188, 204
Decimal	11389644
CIE _{Lab}	79.32, -9.25, -4.27
CIE _{LCh}	79, 10.189, 204.747
Yxy	55.4849, 0.2898, 0.3264
Android (android.graphics.Color)	4289579724 (0xFFADCACC)
YUV	193.5570, 5.1484, -18.0285
Hunter-Lab	74.4882, -12.3263, 0.2126

Details

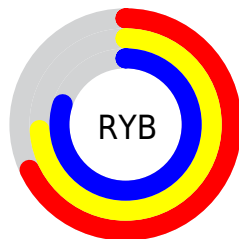
The XYZ color **49.2532, 55.4849, 65.2405** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.7751, 46.5145, 45.9964**, and the grayscale version is **50.9959, 53.6517, 58.4267**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **23.8407, 27.3749, 32.8815** is the 20% darker color. If you saturate the color by 10%, you get **44.7755, 52.7221, 64.9441**, and if you desaturate by 10%, it is **54.4255, 58.6126, 65.5725**.

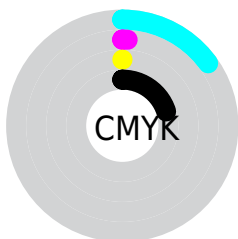
Distribution



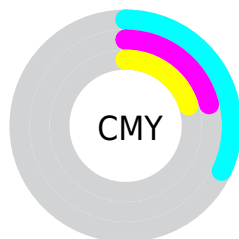
- Red (68%)
- Green (79%)
- Blue (80%)



- Red (68%)
- Yellow (74%)
- Blue (80%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2532, 55.4849, 65.2405 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 49.2532, 55.4849, 65.2405 by changing the saturation by 10% instead.

■ 49.2532, 55.4849,
65.2405

■ 49.2532, 55.4849,
65.2405

374.2387,
407.7474, 461.9856

■ 35.0357, 39.7901,
47.2035

■ 88.2659, 98.2510,
114.0121

■ 23.8570, 27.3749,
32.8411

113.7918,
126.0912, 145.5839

■ 15.3518, 17.8550,
21.7346

143.8179,
158.7485, 182.5043

■ 9.1546, 10.8459,
13.4656

178.7095,
196.6075, 225.1920

■ 4.9001, 5.9633,
7.6154

218.8321,
240.0524, 274.0654

■ 2.2229, 2.8228,
3.7657

264.5509,

■ 0.7548, 1.0399,

289.4678, 329.5431

1.4977

316.2313,
345.2380, 392.0436

■ 0.0000, 0.0000,
0.2162

■ 0.0000, 0.0000,
0.0000

■ 49.2532, 55.4849,
65.2405

■ 49.2532, 55.4849,
65.2405

■ 44.7755, 52.7221,
64.9441

■ 54.4255, 58.6126,
65.5725

■ 40.9565, 50.3014,
64.6781

■ 60.3168, 62.1133,
65.9377

■ 37.7642, 48.2076,
64.4423

■ 66.9561, 66.0036,
66.3387

■ 35.1621, 46.4219,
64.2347

■ 74.3695, 70.2969,
66.7766

■ 33.1100, 44.9236,
64.0537

■ 74.8358, 71.0128,
66.8902

■ 31.5626, 43.6893,
63.8970

■ 75.1588, 71.6588,
66.9979

■ 30.4672, 42.6919,
63.7622

■ 75.4844, 72.3100,
67.1064

■ 29.7596, 41.8983,
63.6463

■ 75.8127, 72.9666,
67.2159

■ 29.4991, 41.5593,
63.5946

■ 76.1437, 73.6286,
67.3262

Harmonies

Analogous

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



48.9254, 55.4849, 59.3907



49.2532, 55.4849, 65.2405



50.5044, 55.4849, 70.0619

Triad

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



49.2532, 55.4849, 65.2405



56.0060, 55.4849, 67.1341



53.0968, 55.4849, 49.9008

Complementary

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



49.2532, 55.4849, 65.2405



47.7751, 46.5145, 45.9964

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.



55.0339, 55.4849, 51.6944



49.2532, 55.4849, 65.2405



56.7410, 55.4849, 61.4483

Square

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



49.2532, 55.4849, 65.2405



54.3963, 55.4849, 71.2037



56.3808, 55.4849, 55.8309



51.1113, 55.4849, 50.7727

Rectangle

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



49.2532, 55.4849, 65.2405



51.7112, 55.4849, 71.9157



56.3808, 55.4849, 55.8309



53.7757, 55.4849, 50.2084

Sweetspot

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



49.2548, 55.4872, 65.2417



90.2523, 97.1385, 108.6005



46.5212, 55.1485, 48.5199



19.1787, 20.7083, 23.2362



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.



49.2548, 55.4872, 65.2417



79.1966, 90.4375, 107.8898



45.8934, 48.7644, 64.1213



11.4790, 12.5984, 14.3971



18.5932, 26.2103, 40.0354



0.9783, 1.3904, 2.0717

Inverse Universe

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



50.5074, 46.9900, 62.2877



81.6425, 73.9410, 102.1000



50.8699, 52.7041, 47.0280



11.6551, 11.3908, 13.9845



21.5959, 10.4489, 31.9202



1.1237, 0.5429, 1.6975

Previews

White Background



This preview shows how the XYZ color 49.2532, 55.4849, 65.2405 looks on a white background.

Color Contrast Check

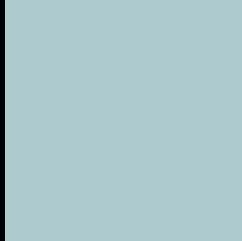
Large Text (above 18pt) WCAG AA × Fail

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 49.2532, 55.4849, 65.2405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

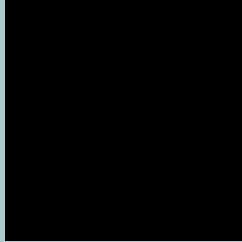
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2532, 55.4849, 65.2405

Background



This preview shows how black text looks on a background with the XYZ color 49.2532, 55.4849, 65.2405.



This preview shows how white text looks on a background with the XYZ color 49.2532, 55.4849,

65.2405.

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

49.2532, 55.4849, 65.2405

Protanopia

53.2291, 55.2061, 62.4939

Deuteranopia

56.1324, 54.9848, 66.0471



Tritanopia

50.7281, 55.3804, 72.9816

Trichromacy



Original Color

49.2532, 55.4849, 65.2405

Protanomaly

51.7230, 55.4240, 63.2302

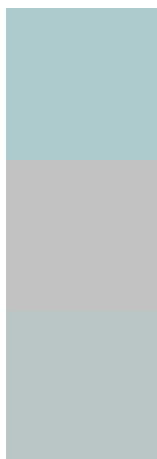
Deuteranomaly

53.3372, 54.8617, 65.5358

Tritanomaly

50.2259, 55.5254, 70.3576

Monochromacy



Original Color

49.2532, 55.4849, 65.2405

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.4090, 54.4488, 61.2789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2532, 55.4849, 65.2405 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(173, 202, 204)` looks like.

```
.text, #text, p{  
    color:rgb(173, 202, 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(173, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 202, 204) }
```

Border

The CSS property to change the border of an element to XYZ 49.2532, 55.4849, 65.2405 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(173, 202, 204) }
```


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

```
.border{ border-color:rgb(173, 202, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 202, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(173, 202,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2532, 55.4849, 65.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 202, 204) }
```

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

```
.background{ background-color: rgb(173,  
202, 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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