

Converting Colors

XYZ(45.1356, 51.9911, 49.2514)

Have a look what the booklet for
XYZ(45.1356, 51.9911, 49.2514)
contains.

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Color

**XYZ(45.1356, 51.9911,
49.2514)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC5B1
RGB	173, 197, 177
RGB Percent	68%, 77%, 69%
CMY	0.3216, 0.2274, 0.3059
CMYK	0.12, 0.00, 0.10, 0.23
HSL	130°, 17%, 73%
HSV	130°, 12%, 77%
XYZ	45.1356, 51.9911, 49.2514
YIQ	187.5440, -7.8840, -11.3080

Conversions

Conversions Part 2

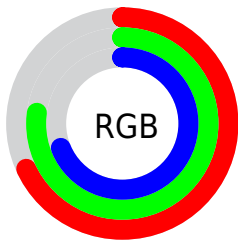
Format	Color
R _{YB}	173, 194, 197
Decimal	11388337
CIE Lab	77.28, -11.96, 7.29
CIE LCh	77, 14.009, 148.626
Yxy	51.9911, 0.3083, 0.3552
Android (android.graphics.Color)	4289578417 (0xFFADC5B1)
YUV	187.5440, -5.1982, -12.7551
Hunter-Lab	72.1049, -14.4475, 9.9752

Details

The XYZ color **45.1356, 51.9911, 49.2514** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.5970, 45.6088, 56.7491**, and the grayscale version is **47.5743, 50.0519, 54.5065**.

A 20% lighter version of the original color is **82.4629, 93.4248, 90.7773**, and **21.3457, 25.1651, 22.8011** is the 20% darker color. If you saturate the color by 10%, you get **39.5574, 49.2947, 40.9564**, and if you desaturate by 10%, it is **51.5559, 55.1018, 58.6156**.

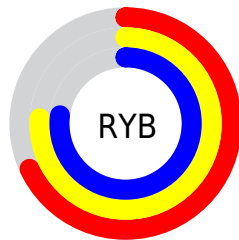
Distribution



Red (68%)

Green (77%)

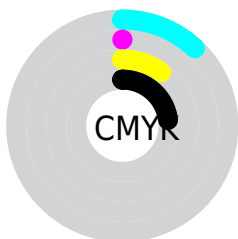
Blue (69%)



Red (68%)

Yellow (76%)

Blue (77%)

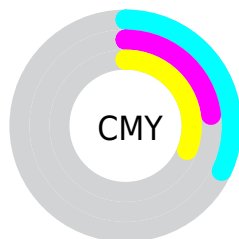


Cyan (12%)

Magenta (0%)

Yellow (10%)

Black (23%)



Cyan (32%)

Magenta (23%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.1356, 51.9911, 49.2514 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 45.1356, 51.9911, 49.2514 by changing the saturation by 10% instead.

■ 45.1356, 51.9911,
49.2514

■ 45.1356, 51.9911,
49.2514

358.0969,
394.4022, 400.3821

■ 31.7660, 36.9980,
34.4519

■ 82.1597, 93.1181,
90.4496

■ 21.3375, 25.2059,
22.9608

106.5448,
120.0208, 117.6854

■ 13.4848, 16.2305,
14.3596

135.3325,
151.6621, 149.9037

■ 7.8425, 9.6874,
8.2296

168.8882,
188.4265, 187.5231

■ 4.0453, 5.1922,
4.1523

207.5771,
230.6983, 230.9621

■ 1.7278, 2.3605,
1.7093

251.7646,

■ 0.4736, 0.8054,

278.8619, 280.6392

0.3671

301.8161,
333.3018, 336.9730

■ 0.0000, 0.0000,
0.0000

■ 45.1356, 51.9911,
49.2514

■ 45.1356, 51.9911,
49.2514

■ 39.5574, 49.2947,
40.9564

■ 51.5559, 55.1018,
58.6156

■ 34.7820, 46.9889,
33.6894

■ 58.8470, 58.6364,
69.0817

■ 30.7735, 45.0572,
27.4111

■ 67.0413, 62.6124,
80.6852

■ 27.4915, 43.4799,
22.0790

■ 76.1685, 67.0443,
93.4588

■ 24.8917, 42.2350,
17.6469

■ 79.2573, 68.4146,
103.6358

■ 22.9249, 41.2984,
14.0652

■ 21.5355, 40.6423,
11.2791

■ 20.6574, 40.2341,
9.2276

■ 20.2395, 40.0435,
8.0892

Harmonies

Analogous

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



46.9823, 51.9911, 44.5915



45.1356, 51.9911, 49.2514



44.4297, 51.9911, 56.2554

Triad

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



45.1356, 51.9911, 49.2514



49.2922, 51.9911, 72.7244



54.0903, 51.9911, 49.8137

Complementary

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



45.1356, 51.9911, 49.2514



47.5970, 45.6088, 56.7491

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.



54.7620, 51.9911, 56.9651



45.1356, 51.9911, 49.2514



51.9323, 51.9911, 70.6133

Square

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



45.1356, 51.9911, 49.2514



46.7751, 51.9911, 70.2029



53.9588, 51.9911, 64.6662



52.1544, 51.9911, 44.8949

Rectangle

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



45.1356, 51.9911, 49.2514



44.6808, 51.9911, 61.4670



53.9588, 51.9911, 64.6662



54.4744, 51.9911, 52.0148

Sweetspot

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



45.1370, 51.9933, 49.2525



90.0579, 97.5811, 101.6802



49.5035, 54.2897, 47.4054



19.0813, 20.7920, 21.4809



0.0000, 0.0000, 0.0000



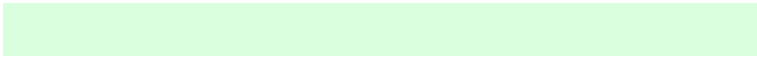
20.3446, 21.4041, 23.3091

Same Dimension

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



45.1370, 51.9933, 49.2525



77.6372, 91.5679, 83.4830



46.3867, 52.4932, 55.8334



10.5684, 11.9162, 11.6774



13.3329, 26.3455, 5.4316



0.6544, 1.2567, 0.3789

Inverse Universe

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



47.5970, 45.6088, 56.7491



83.0289, 77.5731, 99.9130



46.3116, 45.0947, 49.9804



11.0043, 10.7851, 13.0057



19.5891, 9.5852, 24.1099



0.9483, 0.4622, 1.2508

Previews

White Background



This preview shows how the XYZ color 45.1356, 51.9911, 49.2514 looks on a white background.

Color Contrast Check

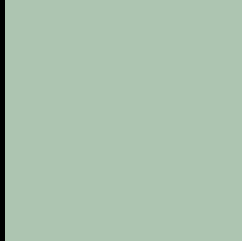
Large Text (above 18pt) WCAG AA × Fail

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 45.1356, 51.9911, 49.2514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

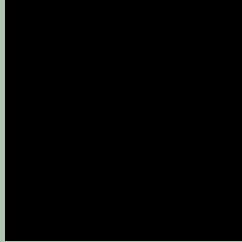
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

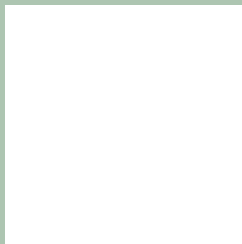
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.1356, 51.9911, 49.2514

Background



This preview shows how black text looks on a background with the XYZ color 45.1356, 51.9911, 49.2514.



This preview shows how white text looks on a background with the XYZ color 45.1356, 51.9911,

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

45.1356, 51.9911, 49.2514

Protanopia

49.2450, 51.8498, 46.9477

Deuteranopia

52.8193, 51.7224, 50.3796



Tritanopia

48.8152, 52.1590, 67.1694

Trichromacy



Original Color

45.1356, 51.9911, 49.2514

Protanomaly

47.6962, 52.0147, 47.5704

Deuteranomaly

49.6230, 51.6556, 50.0029

Tritanomaly

47.2743, 51.8449, 60.3388

Monochromacy



Original Color

45.1356, 51.9911, 49.2514

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.8110, 50.7896, 52.6836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1356, 51.9911, 49.2514 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, 197, 177)` looks like.

```
.text, #text, p{  
    color:rgb(173, 197, 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(173, 197, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 197, 177) }
```

Border

The CSS property to change the border of an element to XYZ 45.1356, 51.9911, 49.2514 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, 197, 177) }
```


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

```
.border{ border-color:rgb(173, 197, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 197, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 197, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 197, 177);  
box-shadow:4px 4px 4px 4px rgb(173, 197,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1356, 51.9911, 49.2514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 197, 177) }
```

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

```
.background{ background-color: rgb(173,  
197, 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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