

Converting Colors

XYZ(45.4244, 50.1882, 56.4315)

Have a look what the booklet for
XYZ(45.4244, 50.1882, 56.4315)
contains.

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Color

**XYZ(45.4872, 50.3451,
56.6104)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC0BF
RGB	173, 192, 191
RGB Percent	68%, 75%, 75%
CMY	0.3216, 0.2470, 0.2510
CMYK	0.10, 0.00, 0.01, 0.25
HSL	177°, 13%, 72%
HSV	177°, 10%, 75%
XYZ	45.4872, 50.3451, 56.6104
YIQ	186.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

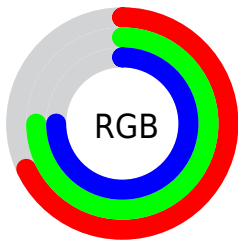
Format	Color
R _Y B	173, 183, 192
Decimal	11387071
CIE Lab	76.28, -6.66, -1.72
CIE LCh	76, 6.880, 194.446
Yxy	50.3451, 0.2984, 0.3303
Android (android.graphics.Color)	4289577151 (0xFFADC0BF)
YUV	186.2050, 2.3639, -11.5808
Hunter-Lab	70.9543, -9.7376, 2.3639

Details

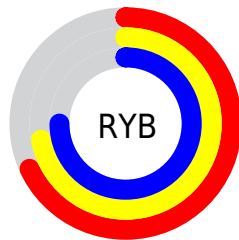
The XYZ color **45.4872, 50.3451, 56.6104** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.3236, 44.1510, 46.2326**, and the grayscale version is **46.7798, 49.2160, 53.5962**.

A 20% lighter version of the original color is **82.6690, 90.5082, 101.1084**, and **21.7052, 24.3652, 27.6037** is the 20% darker color. If you saturate the color by 10%, you get **41.4322, 48.2689, 55.8415**, and if you desaturate by 10%, it is **50.1561, 52.7404, 57.4141**.

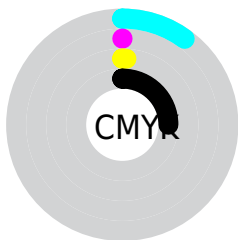
Distribution



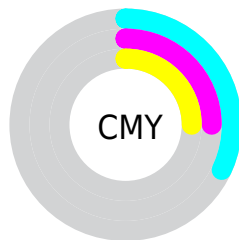
- Red (68%)
- Green (75%)
- Blue (75%)



- Red (68%)
- Yellow (72%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (32%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4872, 50.3451, 56.6104 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 45.4872, 50.3451, 56.6104 by changing the saturation by 10% instead.

■ 45.4872, 50.3451,
56.6104

■ 45.4872, 50.3451,
56.6104

359.4938,
388.0140, 429.4406

■ 32.0443, 35.6877,
40.2853

■ 82.6836, 90.6860,
101.3912

■ 21.5510, 24.1931,
27.4455

107.1678,
117.1382, 130.6839

■ 13.6421, 15.4769,
17.6727

136.0631,
148.2909, 165.1362

■ 7.9522, 9.1548,
10.5483

169.7348,
184.5283, 205.1666

■ 4.1159, 4.8423,
5.6536

208.5484,
226.2350, 251.1937

■ 1.7679, 2.1550,
2.5703

252.8692,

■ 0.4982, 0.6953,

273.7952, 303.6361

0.8771

303.0625,
327.5934, 362.9122

■ 0.0000, 0.0000,
0.0000

■ 45.4872, 50.3451,
56.6104

■ 45.4872, 50.3451,
56.6104

■ 41.4322, 48.2689,
55.8415

■ 50.1561, 52.7404,
57.4141

■ 37.9607, 46.4920,
55.1030

■ 55.4588, 55.4611,
58.2505

■ 35.0465, 45.0024,
54.3945

■ 61.4198, 58.5210,
59.1217

■ 32.6596, 43.7844,
53.7146

■ 68.0610, 61.9314,
60.0288

■ 30.7671, 42.8213,
53.0620

■ 70.0621, 62.9497,
60.7228

■ 29.3325, 42.0942,
52.4347

■ 70.1779, 62.9961,
61.3327

■ 28.3143, 41.5815,
51.8309

■ 70.2945, 63.0427,
61.9466

■ 27.6633, 41.2582,
51.2483

■ 70.4119, 63.0897,
62.5647

■ 27.2844, 41.0749,
50.6823

■ 70.5300, 63.1369,
63.1869

Harmonies

Analogous

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



45.4992, 50.3451, 52.9326



45.4872, 50.3451, 56.6104



46.1008, 50.3451, 59.9488

Triad

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



45.4872, 50.3451, 56.6104



49.6112, 50.3451, 60.0519



48.5204, 50.3451, 48.2483

Complementary

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



45.4872, 50.3451, 56.6104



44.3236, 44.1510, 46.2326

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.



49.6460, 50.3451, 49.9873



45.4872, 50.3451, 56.6104



50.2835, 50.3451, 56.7461

Square

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



45.4872, 50.3451, 56.6104



48.4736, 50.3451, 61.9955



50.2964, 50.3451, 53.0624



47.2348, 50.3451, 48.2157

Rectangle

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



45.4872, 50.3451, 56.6104



46.7885, 50.3451, 61.4859



50.2964, 50.3451, 53.0624



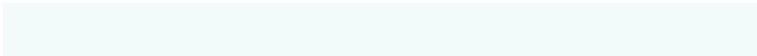
48.9305, 50.3451, 48.6491

Sweetspot

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



45.4886, 50.3472, 56.6115



88.0887, 94.1288, 103.5614



43.9090, 49.7479, 46.8240



18.7480, 20.1169, 22.1919



92.9021, 97.7402, 106.4391



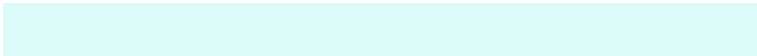
19.4759, 20.4902, 22.3138

Same Dimension

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



45.4886, 50.3472, 56.6115



80.6357, 90.3080, 102.2466



43.8415, 46.8758, 56.6089



10.3448, 11.4190, 12.8192



18.3654, 27.6402, 34.1468



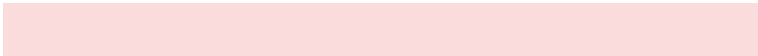
0.8007, 1.1971, 1.5130

Inverse Universe

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



44.3236, 44.1510, 46.2326



78.0758, 76.6926, 79.4407



45.8542, 47.3681, 46.2622



10.0943, 10.0863, 10.5869



14.6739, 7.5593, 0.9291



0.6416, 0.3296, 0.0800

Previews

White Background



This preview shows how the XYZ color 45.4872, 50.3451, 56.6104 looks on a white background.

Color Contrast Check

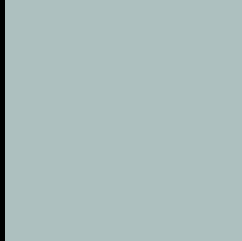
Large Text (above 18pt) WCAG AA × Fail

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 45.4872, 50.3451, 56.6104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

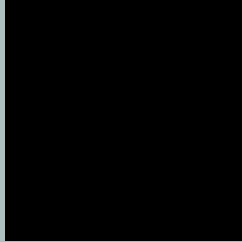
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4872, 50.3451, 56.6104

Background



This preview shows how black text looks on a background with the XYZ color 45.4872, 50.3451, 56.6104.

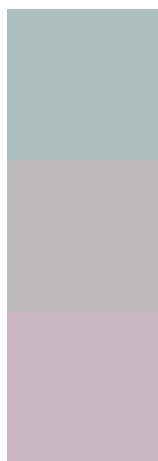


This preview shows how white text looks on a background with the XYZ color 45.4872, 50.3451,

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

45.4872, 50.3451, 56.6104

Protanopia

48.3333, 50.2479, 54.7283

Deuteranopia

51.2554, 50.1435, 57.4293



Tritanopia

47.1121, 50.3486, 64.9928

Trichromacy



Original Color

45.4872, 50.3451, 56.6104

Protanomaly

47.1501, 50.2597, 55.3601

Deuteranomaly

49.0657, 50.2610, 56.9845

Tritanomaly

46.5117, 50.4304, 61.9262

Monochromacy



Original Color

45.4872, 50.3451, 56.6104

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.1164, 49.4210, 54.6856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4872, 50.3451, 56.6104 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, 192, 191)` looks like.

```
.text, #text, p{  
    color:rgb(173, 192, 191)  
}
```

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, 192, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 192, 191) }
```

Border

The CSS property to change the border of an element to XYZ 45.4872, 50.3451, 56.6104 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, 192, 191) }
```


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

```
.border{ border-color:rgb(173, 192, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 192, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 192, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 192, 191);  
box-shadow:4px 4px 4px 4px rgb(173, 192,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4872, 50.3451, 56.6104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 192, 191) }
```

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

```
.background{ background-color: rgb(173,  
192, 191) }
```

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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