

Converting Colors

XYZ(45.8610, 50.2851, 60.9118)

Have a look what the booklet for
XYZ(45.8610, 50.2851, 60.9118)
contains.

| | |
|--|----|
| XYZ(45.8373, 50.4344, 60.7450) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(45.8373, 50.4344,
60.7450)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ABC0C6 |
| RGB | 171, 192, 198 |
| RGB Percent | 67%, 75%, 78% |
| CMY | 0.3294, 0.2470, 0.2235 |
| CMYK | 0.14, 0.03, 0.00, 0.22 |
| HSL | 193°, 19%, 72% |
| HSV | 193°, 14%, 78% |
| XYZ | 45.8373, 50.4344, 60.7450 |
| YIQ | 186.4050, -14.4420, -2.5860 |

Conversions

Conversions Part 2

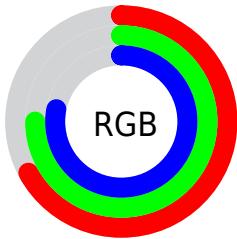
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 171, 183, 198 |
| Decimal | 11256006 |
| CIE Lab | 76.34, -5.90, -5.45 |
| CIE LCh | 76, 8.026, 222.726 |
| Yxy | 50.4344, 0.2919, 0.3212 |
| Android (android.graphics.Color) | 4289446086 (0xFFABC0C6) |
| YUV | 186.4050, 5.7163, -13.5102 |
| Hunter-Lab | 71.0172, -9.0691, -1.0021 |

Details

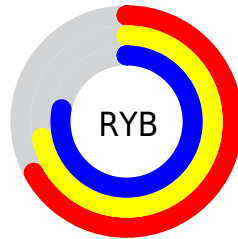
The XYZ color **45.8373, 50.4344, 60.7450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.3619, 46.3903, 45.0398**, and the grayscale version is **46.8752, 49.3163, 53.7055**.

A 20% lighter version of the original color is **83.2960, 90.6857, 107.7217**, and **21.8744, 24.4008, 29.9425** is the 20% darker color. If you saturate the color by 10%, you get **40.8924, 46.4742, 60.2420**, and if you desaturate by 10%, it is **51.4601, 54.7896, 61.2901**.

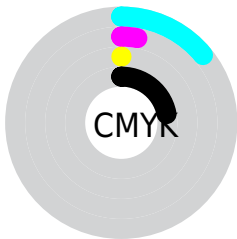
Distribution



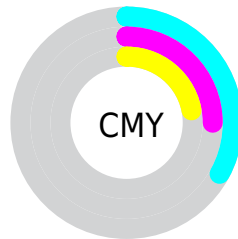
- Red (67%)
- Green (75%)
- Blue (78%)



- Red (67%)
- Yellow (72%)
- Blue (78%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.8373, 50.4344, 60.7450 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 45.8373, 50.4344, 60.7450 by changing the saturation by 10% instead.

■ 45.8373, 50.4344,
60.7450

■ 45.8373, 50.4344,
60.7450

360.8811,
388.3623, 445.2190

■ 32.3215, 35.7587,
43.5902

■ 83.2048, 90.8182,
107.4636

■ 21.7639, 24.2479,
30.0136

107.7873,
117.2950, 137.8644

■ 13.7992, 15.5176,
19.5968

136.7893,
148.4743, 173.5176

■ 8.0619, 9.1834,
11.9211

170.5763,
184.7406, 214.8418

■ 4.1867, 4.8610,
6.5681

209.5136,
226.4781, 262.2555

■ 1.8083, 2.1660,
3.1192

253.9666,

■ 0.5227, 0.7013,

274.0713, 316.1773

1.1558

304.3007,
327.9046, 377.0256

■ 0.0000, 0.0000,
0.0000

■ 45.8373, 50.4344,
60.7450

■ 45.8373, 50.4344,
60.7450

■ 40.8924, 46.4742,
60.2420

■ 51.4601, 54.7896,
61.2901

■ 36.5920, 42.8875,
59.7764

■ 57.7835, 59.5478,
61.8752

■ 32.9067, 39.6599,
59.3476

■ 64.8345, 64.7246,
62.5028

■ 29.8027, 36.7737,
58.9541

■ 72.6373, 70.3330,
63.1741

■ 27.2430, 34.2095,
58.5941

■ 75.4784, 73.4278,
63.6217

■ 25.1861, 31.9454,
58.2655

■ 76.6066, 75.6841,
63.9978

■ 23.5842, 29.9565,
57.9660

■ 77.7651, 78.0010,
64.3839

■ 22.3797, 28.2126,
57.6929

■ 78.9541, 80.3790,
64.7802

■ 21.7521, 27.1950,
57.5296

■ 80.1738, 82.8184,
65.1868

Harmonies

Analogous

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



45.1627, 50.4344, 56.7646



45.8373, 50.4344, 60.7450



47.0804, 50.4344, 63.2338

Triad

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



45.8373, 50.4344, 60.7450



50.7594, 50.4344, 57.4179



47.3003, 50.4344, 47.2045

Complementary

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



45.8373, 50.4344, 60.7450



46.3619, 46.3903, 45.0398

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.



48.8027, 50.4344, 47.3589



45.8373, 50.4344, 60.7450



50.8213, 50.4344, 53.1050

Square

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



45.8373, 50.4344, 60.7450



49.9312, 50.4344, 61.2448



50.0986, 50.4344, 49.4695



45.9954, 50.4344, 49.0361

Rectangle

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



45.8373, 50.4344, 60.7450



48.0745, 50.4344, 63.6358



50.0986, 50.4344, 49.4695



47.7986, 50.4344, 47.0288

Sweetspot

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



45.8388, 50.4365, 60.7461



90.6779, 96.6794, 108.4895



44.9105, 52.2154, 49.2292



19.2377, 20.5625, 23.2050



0.0000, 0.0000, 0.0000



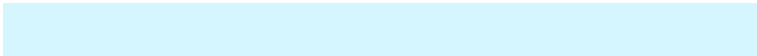
20.3446, 21.4041, 23.3091

Same Dimension

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



45.8388, 50.4365, 60.7461



78.7766, 87.4196, 107.3294



43.0387, 44.8363, 59.8128



10.7392, 11.6524, 13.6006



14.2116, 17.8171, 37.4344



0.7237, 0.9452, 1.7894

Inverse Universe

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



47.3672, 44.9385, 56.0490



81.9621, 76.1044, 97.5080



49.1296, 51.9257, 45.9624



10.9784, 10.7747, 12.8694



18.9727, 9.3386, 20.8638



0.9240, 0.4524, 1.1229

Previews

White Background



This preview shows how the XYZ color 45.8373, 50.4344, 60.7450 looks on a white background.

Color Contrast Check

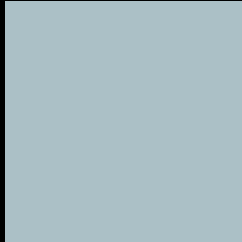
Large Text (above 18pt) WCAG AA × Fail

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 45.8373, 50.4344, 60.7450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

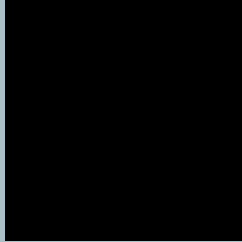
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

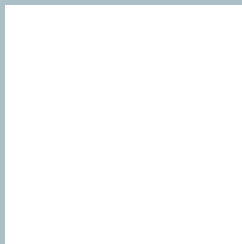
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.8373, 50.4344, 60.7450

Background



This preview shows how black text looks on a background with the XYZ color 45.8373, 50.4344, 60.7450.



This preview shows how white text looks on a background with the XYZ color 45.8373, 50.4344,

60.7450.

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

45.8373, 50.4344, 60.7450

Protanopia

48.6069, 50.2996, 58.7767

Deuteranopia

51.4462, 50.4546, 61.6708



Tritanopia

46.7846, 50.4885, 65.6720

Trichromacy



Original Color

45.8373, 50.4344, 60.7450

Protanomaly

47.4528, 50.3258, 59.4374

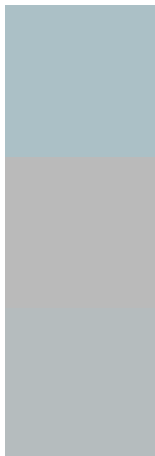
Deuteranomaly

49.1029, 50.1885, 61.1322

Tritanomaly

46.4236, 50.3441, 63.7705

Monochromacy



Original Color

45.8373, 50.4344, 60.7450

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.3335, 49.5079, 55.8291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8373, 50.4344, 60.7450 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(171, 192, 198)` looks like.

```
.text, #text, p{  
    color:rgb(171, 192, 198)  
}
```

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(171, 192, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 192, 198) }
```

Border

The CSS property to change the border of an element to XYZ 45.8373, 50.4344, 60.7450 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(171, 192, 198) }
```


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

```
.border{ border-color:rgb(171, 192, 198) }
```

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

Here you see how a box with a 4 pixel rgb(171, 192, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 192, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 192, 198);  
box-shadow:4px 4px 4px 4px rgb(171, 192,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8373, 50.4344, 60.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 192, 198) }
```

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

```
.background{ background-color: rgb(171,  
192, 198) }
```

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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