

Converting Colors

XYZ(45.1530, 51.3899, 61.5723)

Have a look what the booklet for
XYZ(45.1530, 51.3899, 61.5723)
contains.

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Color

**XYZ(45.1530, 51.3899,
61.5723)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C4C7
RGB	163, 196, 199
RGB Percent	64%, 77%, 78%
CMY	0.3608, 0.2314, 0.2196
CMYK	0.18, 0.02, 0.00, 0.22
HSL	185°, 24%, 71%
HSV	185°, 18%, 78%
XYZ	45.1530, 51.3899, 61.5723
YIQ	186.4750, -20.6310, -6.0630

Conversions

Conversions Part 2

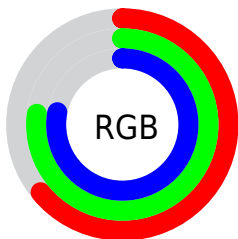
Format	Color
R_{YB}	163, 180, 199
Decimal	10732743
CIE _{Lab}	76.91, -10.35, -5.19
CIE _{LCh}	77, 11.583, 206.624
Yxy	51.3899, 0.2856, 0.3250
Android (android.graphics.Color)	4288922823 (0xFFA3C4C7)
YUV	186.4750, 6.1748, -20.5876
Hunter-Lab	71.6867, -13.0208, -0.7439

Details

The XYZ color **45.1530, 51.3899, 61.5723** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.8007, 42.0590, 40.4610**, and the grayscale version is **46.9145, 49.3577, 53.7505**.

A 20% lighter version of the original color is **82.0887, 92.3760, 108.1116**, and **21.3394, 24.7698, 30.4444** is the 20% darker color. If you saturate the color by 10%, you get **41.0235, 48.7106, 61.2736**, and if you desaturate by 10%, it is **49.9308, 54.4122, 61.9047**.

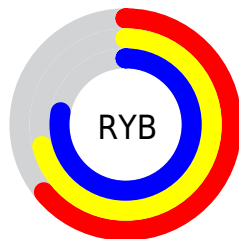
Distribution



Red (64%)

Green (77%)

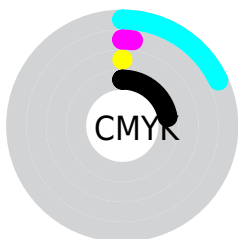
Blue (78%)



Red (64%)

Yellow (71%)

Blue (78%)

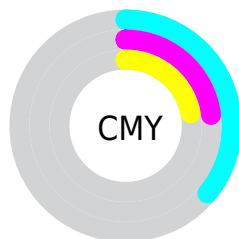


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (22%)



Cyan (36%)


Magenta (23%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1530, 51.3899, 61.5723 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 45.1530, 51.3899, 61.5723 by changing the saturation by 10% instead.


 45.1530, 51.3899,
61.5723


 45.1530, 51.3899,
61.5723


358.1661,
392.0767, 448.3338

 31.7797, 36.5190,
44.2536

 82.1856, 92.2309,
108.6727

 21.3481, 24.8353,
30.5313


 106.5757,
118.9697, 139.2916

 13.4926, 15.9544,
19.9867


135.3687,
150.4333, 175.1809

 7.8479, 9.4919,
12.2014

168.9301,
187.0061, 216.7593

 4.0488, 5.0634,
6.7568

207.6252,
229.0724, 264.4452

 1.7298, 2.2845,
3.2343

251.8193,

 0.4748, 0.7655,

277.0167, 318.6573

1.2155

301.8778,
331.2234, 379.8139

■ 0.0000, 0.0000,
0.0000

■ 45.1530, 51.3899,
61.5723

■ 45.1530, 51.3899,
61.5723

■ 41.0235, 48.7106,
61.2736

■ 49.9308, 54.4122,
61.9047

■ 37.5078, 46.3525,
61.0038

■ 55.3804, 57.7857,
62.2686

■ 34.5752, 44.3011,
60.7624

■ 61.5296, 61.5259,
62.6664

■ 32.1904, 42.5382,
60.5478

■ 68.4032, 65.6458,
63.0994

■ 30.3144, 41.0436,
60.3582

■ 73.2105, 68.7067,
63.4368

■ 28.9027, 39.7944,
60.1915

■ 73.6072, 69.5000,
63.5690

■ 27.9034, 38.7638,
60.0452

■ 74.0081, 70.3018,
63.7027

■ 27.2382, 37.9114,
59.9157

■ 74.4132, 71.1120,
63.8377

■ 27.1255, 37.7567,
59.8918

■ 74.8225, 71.9306,
63.9741

Harmonies

Analogous

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



44.7348, 51.3899, 55.2432



45.1530, 51.3899, 61.5723



46.5500, 51.3899, 66.7150

Triad

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



45.1530, 51.3899, 61.5723



52.4699, 51.3899, 62.9011



49.0945, 51.3899, 44.6920

Complementary

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



45.1530, 51.3899, 61.5723



43.8007, 42.0590, 40.4610

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.



51.2133, 51.3899, 46.4188



45.1530, 51.3899, 61.5723



53.1986, 51.3899, 56.6726

Square

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



45.1530, 51.3899, 61.5723



50.7685, 51.3899, 67.5218



52.7320, 51.3899, 50.6899



46.9698, 51.3899, 45.7906

Rectangle

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



45.1530, 51.3899, 61.5723



47.8707, 51.3899, 68.6132



52.7320, 51.3899, 50.6899



49.8315, 51.3899, 44.9578

Sweetspot

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



45.1545, 51.3920, 61.5735



90.1761, 96.9860, 108.5751



42.3566, 51.3655, 43.4716



19.1601, 20.6711, 23.2300



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.



45.1545, 51.3920, 61.5735



75.8646, 87.9243, 107.5803



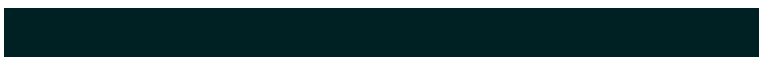
41.4541, 43.9912, 60.3400



10.8683, 11.9106, 13.6436



17.4733, 24.3404, 38.5216



0.8502, 1.1982, 1.8316

Inverse Universe

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



46.6154, 42.3232, 57.9392



78.9474, 68.9836, 99.8674



47.1811, 48.8197, 41.5878



11.0435, 10.8008, 13.2125



20.6190, 9.9972, 29.5333



0.9878, 0.4780, 1.4591

Previews

White Background



This preview shows how the XYZ color 45.1530, 51.3899, 61.5723 looks on a white background.

Color Contrast Check

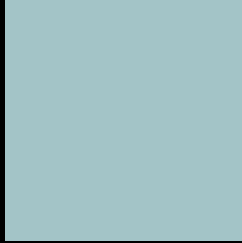
Large Text (above 18pt) WCAG AA × Fail

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 45.1530, 51.3899, 61.5723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

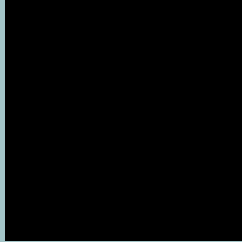
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1530, 51.3899, 61.5723

Background



This preview shows how black text looks on a background with the XYZ color 45.1530, 51.3899, 61.5723.



This preview shows how white text looks on a background with the XYZ color 45.1530, 51.3899,

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

45.1530, 51.3899, 61.5723

Protanopia

49.2067, 50.9378, 58.2775

Deuteranopia

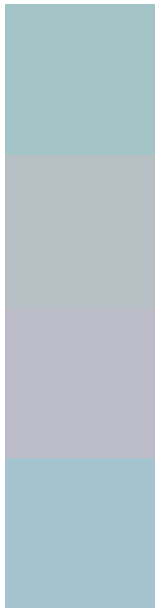
52.0402, 51.0546, 62.3700



Tritanopia

46.4417, 51.2360, 68.4146

Trichromacy



Original Color

45.1530, 51.3899, 61.5723

Protanomaly

47.6507, 51.0709, 59.5708

Deuteranomaly

49.1476, 50.8279, 61.8640

Tritanomaly

45.9655, 51.3790, 65.8870

Monochromacy



Original Color

45.1530, 51.3899, 61.5723

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.1775, 50.0535, 56.5177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1530, 51.3899, 61.5723 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(163, 196, 199)` looks like.

```
.text, #text, p{  
    color:rgb(163, 196, 199)  
}
```

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(163, 196, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 196, 199) }
```

Border

The CSS property to change the border of an element to XYZ 45.1530, 51.3899, 61.5723 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(163, 196, 199) }
```


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

```
.border{ border-color:rgb(163, 196, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 196, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 196, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 196, 199);  
box-shadow:4px 4px 4px 4px rgb(163, 196,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1530, 51.3899, 61.5723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 196, 199) }
```

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

```
.background{ background-color: rgb(163,  
196, 199) }
```

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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