

Converting Colors

XYZ(42.9933, 45.1644, 61.6877)

Have a look what the booklet for
XYZ(42.9933, 45.1644, 61.6877)
contains.

XYZ(43.0123, 45.1844, 61.7128)	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(43.0123, 45.1844,
61.7128)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B4C9
RGB	168, 180, 201
RGB Percent	66%, 71%, 79%
CMY	0.3412, 0.2941, 0.2118
CMYK	0.16, 0.10, 0.00, 0.21
HSL	218°, 23%, 72%
HSV	218°, 16%, 79%
XYZ	43.0123, 45.1844, 61.7128
YIQ	178.8060, -13.8930, 3.9870

Conversions

Conversions Part 2

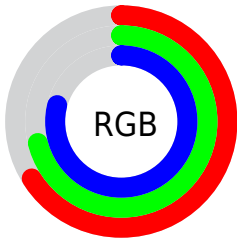
Format	Color
R _Y B	168, 177, 201
Decimal	11056329
CIE Lab	73.01, 0.20, -12.04
CIE LCh	73, 12.045, 270.933
Yxy	45.1844, 0.2869, 0.3014
Android (android.graphics.Color)	4289246409 (0xFFA8B4C9)
YUV	178.8060, 10.9416, -9.4769
Hunter-Lab	67.2193, -3.4153, -7.3795

Details

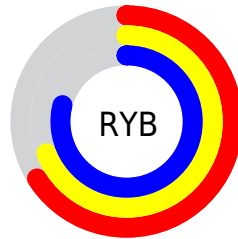
The XYZ color **43.0123, 45.1844, 61.7128** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3531, 51.6397, 44.4129**, and the grayscale version is **42.6945, 44.9179, 48.9156**.

A 20% lighter version of the original color is **78.4769, 82.8989, 106.4727**, and **20.0583, 20.9983, 30.5997** is the 20% darker color. If you saturate the color by 10%, you get **36.5958, 38.2199, 60.7074**, and if you desaturate by 10%, it is **50.3313, 52.9701, 62.8306**.

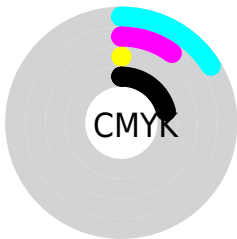
Distribution



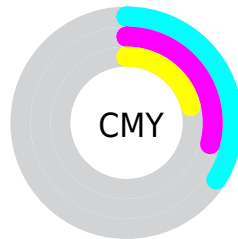
- Red (66%)
- Green (71%)
- Blue (79%)



- Red (66%)
- Yellow (69%)
- Blue (79%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)



- Cyan (34%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0123, 45.1844, 61.7128 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 43.0123, 45.1844, 61.7128 by changing the saturation by 10% instead.

■ 43.0123, 45.1844,
61.7128

■ 43.0123, 45.1844,
61.7128

349.5830,
367.5199, 448.8614

■ 30.0893, 31.6027,
44.3664

■ 78.9850, 82.9971,
108.8779

■ 20.0548, 21.0582,
30.6193

■ 102.7655,
107.9968, 139.5337

■ 12.5434, 13.1666,
20.0531

130.8958,
137.5713, 175.4630

■ 7.1897, 7.5433,
12.2492

163.7414,
172.1051, 217.0844

■ 3.6284, 3.8042,
6.7890

201.6675,
211.9824, 264.8163

■ 1.4941, 1.5646,
3.2541

245.0396,

■ 0.3218, 0.3336,

257.5877, 319.0775

1.2258

294.2230,
309.3054, 380.2863

■ 0.0000, 0.0000,
0.0000

■ 43.0123, 45.1844,
61.7128

■ 43.0123, 45.1844,
61.7128

■ 36.5958, 38.2199,
60.7074

■ 50.3313, 52.9701,
62.8306

■ 31.0409, 32.0427,
59.8079

■ 58.5831, 61.5984,
64.0611

■ 26.3097, 26.6243,
59.0114

■ 67.8017, 71.0968,
65.4086

■ 22.3596, 21.9324,
58.3139

■ 78.0182, 81.4898,
66.8761

■ 19.1439, 17.9320,
57.7113

■ 84.1189, 90.1493,
68.2261

■ 16.6105, 14.5847,
57.1987

■ 87.5428, 96.9971,
69.3674

■ 14.6993, 11.8474,
56.7711

■ 13.3352, 9.6681,
56.4223

■ 12.9323, 8.9961,
56.3139

Harmonies

Analogous

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



41.0112, 45.1844, 60.0332



43.0123, 45.1844, 61.7128



45.0592, 45.1844, 59.8181

Triad

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



43.0123, 45.1844, 61.7128



46.5101, 45.1844, 43.4808



39.5073, 45.1844, 43.7823

Complementary

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



43.0123, 45.1844, 61.7128



49.3531, 51.6397, 44.4129

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.



40.9007, 45.1844, 39.9160



43.0123, 45.1844, 61.7128



44.9416, 45.1844, 39.7521

Square

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



43.0123, 45.1844, 61.7128



47.1188, 45.1844, 49.0098



42.8806, 45.1844, 38.5012



39.0279, 45.1844, 49.3870

Rectangle

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



43.0123, 45.1844, 61.7128



46.1639, 45.1844, 56.8655



42.8806, 45.1844, 38.5012



39.8820, 45.1844, 42.2529

Sweetspot

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



43.0137, 45.1863, 61.7138



87.9801, 92.5941, 107.8431



46.2104, 53.7687, 56.0309



18.6258, 19.6026, 23.0519



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.



43.0137, 45.1863, 61.7138



69.2192, 72.5921, 104.9712



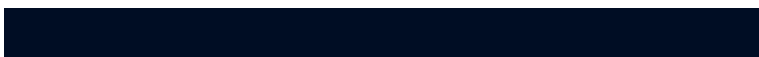
41.6473, 41.0392, 60.9854



10.3672, 10.9086, 13.4766



8.2112, 5.8163, 35.4342



0.4576, 0.4130, 1.7007

Inverse Universe

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



46.3293, 43.7191, 49.1790



76.0914, 69.7492, 78.9463



50.8766, 56.4176, 45.2549



10.7906, 10.6996, 11.8808



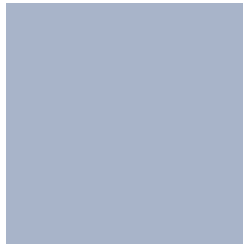
15.9440, 8.1271, 4.9148



0.7897, 0.3987, 0.4156

Previews

White Background



This preview shows how the XYZ color 43.0123, 45.1844, 61.7128 looks on a white background.

Color Contrast Check

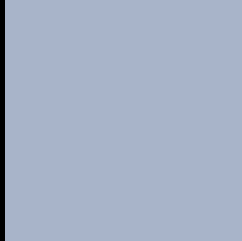
Large Text (above 18pt) WCAG AA × Fail

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 43.0123, 45.1844, 61.7128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

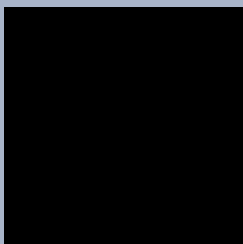
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

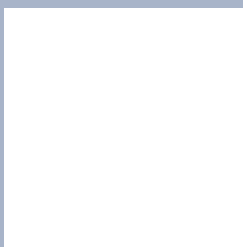
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0123, 45.1844, 61.7128

Background



This preview shows how black text looks on a background with the XYZ color 43.0123, 45.1844, 61.7128.



This preview shows how white text looks on a background with the XYZ color 43.0123, 45.1844,

61.7128.

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

43.0123, 45.1844, 61.7128

Protanopia

44.2502, 45.2410, 61.0437

Deuteranopia

46.0464, 44.9755, 62.1313



Tritanopia

42.3105, 45.2034, 58.1249

Trichromacy



Original Color

43.0123, 45.1844, 61.7128

Protanomaly

43.7790, 45.2946, 61.0789

Deuteranomaly

44.7764, 44.8986, 62.1834

Tritanomaly

42.5383, 45.2945, 59.3240

Monochromacy



Original Color

43.0123, 45.1844, 61.7128

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.7689, 44.9420, 53.4342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0123, 45.1844, 61.7128 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(168, 180, 201)` looks like.

```
.text, #text, p{  
    color:rgb(168, 180, 201)  
}
```

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(168, 180, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 180, 201) }
```

Border

The CSS property to change the border of an element to XYZ 43.0123, 45.1844, 61.7128 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(168, 180, 201) }
```


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

```
.border{ border-color:rgb(168, 180, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 180, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 180, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 180, 201);  
box-shadow:4px 4px 4px 4px rgb(168, 180,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0123, 45.1844, 61.7128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 180, 201) }
```

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

```
.background{ background-color: rgb(168,  
180, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor