

Converting Colors

XYZ(43.3735, 45.1271, 67.7622)

Have a look what the booklet for
XYZ(43.3735, 45.1271, 67.7622)
contains.

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Color

**XYZ(43.5962, 45.3450,
68.0827)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B4D3
RGB	165, 180, 211
RGB Percent	65%, 71%, 83%
CMY	0.3529, 0.2941, 0.1725
CMYK	0.22, 0.15, 0.00, 0.17
HSL	220°, 34%, 74%
HSV	220°, 22%, 83%
XYZ	43.5962, 45.3450, 68.0827
YIQ	179.0490, -18.8910, 6.4610

Conversions

Conversions Part 2

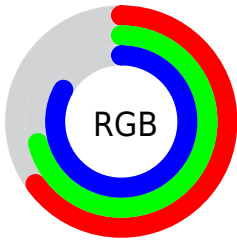
Format	Color
RYB	165, 176, 211
Decimal	10859731
CIELab	73.12, 1.47, -17.37
CIElCh	73, 17.433, 274.841
Yxy	45.3450, 0.2776, 0.2888
Android (android.graphics.Color)	4289049811 (0xFFA5B4D3)
YUV	179.0490, 15.7518, -12.3210
Hunter-Lab	67.3387, -2.2788, -12.8080

Details

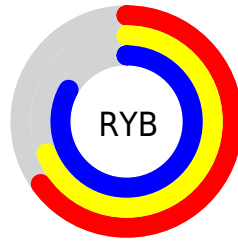
The XYZ color **43.5962, 45.3450, 68.0827** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.3959, 56.0455, 43.6021**, and the grayscale version is **42.8009, 45.0299, 49.0375**.

A 20% lighter version of the original color is **77.8642, 82.5831, 106.4440**, and **20.2722, 21.0238, 34.4420** is the 20% darker color. If you saturate the color by 10%, you get **36.8397, 37.8180, 66.9867**, and if you desaturate by 10%, it is **51.3740, 53.8379, 69.3128**.

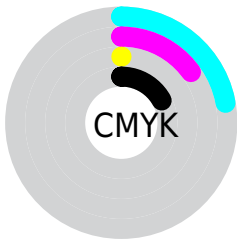
Distribution



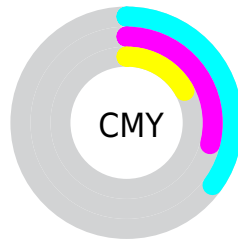
- Red (65%)
- Green (71%)
- Blue (83%)



- Red (65%)
- Yellow (69%)
- Blue (83%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)
- Black (17%)



- Cyan (35%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5962, 45.3450, 68.0827 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 43.5962, 45.3450, 68.0827 by changing the saturation by 10% instead.

■ 43.5962, 45.3450,
68.0827

■ 43.5962, 45.3450,
68.0827

351.9380,
368.1690, 472.3950

■ 30.5497, 31.7293,
49.4979

■ 79.8599, 83.2379,
118.1258

■ 20.4064, 21.1548,
34.6462

■ 103.8078,
108.2838, 150.4211

■ 12.8007, 13.2372,
23.1091

132.1203,
137.9086, 188.1238

■ 7.3675, 7.5921,
14.4680

165.1626,
172.4966, 231.6522

■ 3.7414, 3.8351,
8.3045

203.3002,
212.4323, 281.4250

■ 1.5569, 1.5817,
4.1998

246.8984,

■ 0.3641, 0.3452,

258.1000, 337.8607

1.7356

296.3226,
309.8841, 401.3779

■ 0.0000, 0.0000,
0.3850

■ 0.0000, 0.0000,
0.0000

■ 43.5962, 45.3450,
68.0827

■ 43.5962, 45.3450,
68.0827

■ 36.8397, 37.8180,
66.9867

■ 51.3740, 53.8379,
69.3128

■ 31.0561, 31.2154,
66.0171

■ 60.2105, 63.3252,
70.6783

■ 26.1989, 25.5008,
65.1701

■ 70.1461, 73.8408,
72.1844

■ 22.2162, 20.6328,
64.4404

■ 81.2180, 85.4155,
73.8350

■ 19.0505, 16.5664,
63.8223

■ 87.5258, 95.0188,
75.3561

■ 16.6366, 13.2517,
63.3097

■ 88.7580, 97.4832,
75.7668

■ 14.8979, 10.6318,
62.8957

■ 13.8746, 8.9364,
62.6224

Harmonies

Analogous

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



40.6523, 45.3450, 66.1995



43.5962, 45.3450, 68.0827



46.5391, 45.3450, 64.4899

Triad

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



43.5962, 45.3450, 68.0827



48.0967, 45.3450, 40.3809



38.0030, 45.3450, 42.5677

Complementary

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



43.5962, 45.3450, 68.0827



53.3959, 56.0455, 43.6021

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.



39.8329, 45.3450, 36.8248



43.5962, 45.3450, 68.0827



45.6421, 45.3450, 35.6706

Square

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



43.5962, 45.3450, 68.0827



49.2144, 45.3450, 47.9682



42.6057, 45.3450, 34.4495



37.5125, 45.3450, 50.8049

Rectangle

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



43.5962, 45.3450, 68.0827



48.0766, 45.3450, 59.6962



42.6057, 45.3450, 34.4495



38.4775, 45.3450, 40.3143

Sweetspot

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



43.5976, 45.3468, 68.0837



85.0672, 89.3344, 107.3675



48.7382, 58.5591, 60.7611



18.0320, 18.9322, 22.9538



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.



43.5976, 45.3468, 68.0837



62.0881, 64.2529, 103.7374



42.3741, 40.4609, 67.2051



11.4740, 12.0383, 14.9625



8.4567, 5.5600, 37.8200



0.5446, 0.4544, 2.1386

Inverse Universe

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



48.5585, 44.0557, 49.1263



71.0462, 62.1955, 69.4437



54.8062, 62.0493, 44.6866



11.9654, 11.8709, 13.0937



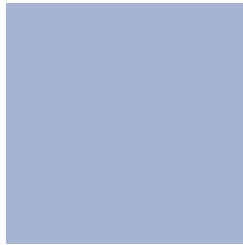
16.8993, 8.6325, 4.3758



0.9811, 0.4972, 0.4354

Previews

White Background



This preview shows how the XYZ color 43.5962, 45.3450, 68.0827 looks on a white background.

Color Contrast Check

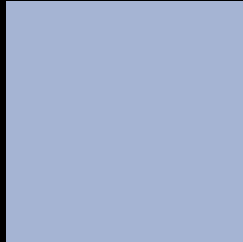
Large Text (above 18pt) WCAG AA × Fail

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 43.5962, 45.3450, 68.0827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

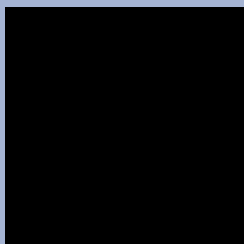
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5962, 45.3450, 68.0827

Background



This preview shows how black text looks on a background with the XYZ color 43.5962, 45.3450, 68.0827.



This preview shows how white text looks on a background with the XYZ color 43.5962, 45.3450,

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

43.5962, 45.3450, 68.0827

Protanopia

44.7868, 45.3782, 67.3711

Deuteranopia

46.2697, 45.2372, 68.5803



Tritanopia

41.7063, 45.1685, 59.3436

Trichromacy



Original Color

43.5962, 45.3450, 68.0827

Protanomaly

44.3305, 45.4394, 67.4070

Deuteranomaly

45.2850, 45.3117, 68.6466

Tritanomaly

42.2888, 45.0985, 62.3531

Monochromacy



Original Color

43.5962, 45.3450, 68.0827

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.9796, 45.0005, 55.7109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5962, 45.3450, 68.0827 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(165, 180, 211)` looks like.

```
.text, #text, p{  
    color:rgb(165, 180, 211)  
}
```

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(165, 180, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 180, 211) }
```

Border

The CSS property to change the border of an element to XYZ 43.5962, 45.3450, 68.0827 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(165, 180, 211) }
```


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

```
.border{ border-color:rgb(165, 180, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 180, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 180, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 180, 211); box-shadow:4px 4px 4px 4px rgb(165, 180, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5962, 45.3450, 68.0827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 180, 211) }
```

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

```
.background{ background-color: rgb(165,  
180, 211) }
```

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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