

Converting Colors

XYZ(42.6997, 45.3248, 60.2492)

Have a look what the booklet for
XYZ(42.6997, 45.3248, 60.2492)
contains.

XYZ(42.7690, 45.3868, 60.5392)	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(42.7690, 45.3868,
60.5392)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B5C7
RGB	167, 181, 199
RGB Percent	65%, 71%, 78%
CMY	0.3451, 0.2902, 0.2196
CMYK	0.16, 0.09, 0.00, 0.22
HSL	214°, 22%, 72%
HSV	214°, 16%, 78%
XYZ	42.7690, 45.3868, 60.5392
YIQ	178.8660, -14.1220, 2.6300

Conversions

Conversions Part 2

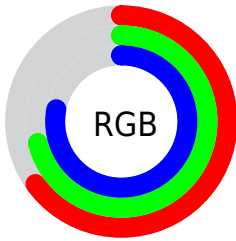
Format	Color
R _Y B	167, 177, 199
Decimal	10991047
CIE Lab	73.15, -1.10, -10.76
CIE LCh	73, 10.815, 264.156
Yxy	45.3868, 0.2876, 0.3052
Android (android.graphics.Color)	4289181127 (0xFFA7B5C7)
YUV	178.8660, 9.9261, -10.4065
Hunter-Lab	67.3697, -4.5781, -6.1199

Details

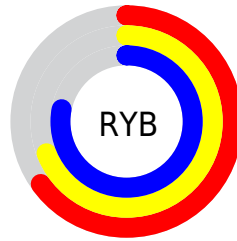
The XYZ color **42.7690, 45.3868, 60.5392** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8774, 49.6297, 43.6161**, and the grayscale version is **42.7317, 44.9571, 48.9583**.

A 20% lighter version of the original color is **78.4584, 83.3180, 106.5545**, and **19.9002, 21.1275, 29.8172** is the 20% darker color. If you saturate the color by 10%, you get **36.6993, 39.0150, 59.6300**, and if you desaturate by 10%, it is **49.6712, 52.4615, 61.5417**.

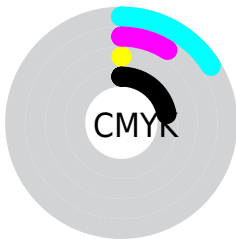
Distribution



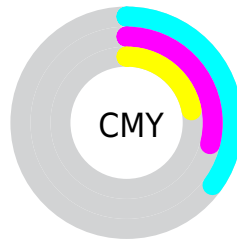
- Red (65%)
- Green (71%)
- Blue (78%)



- Red (65%)
- Yellow (69%)
- Blue (78%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7690, 45.3868, 60.5392 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 42.7690, 45.3868, 60.5392 by changing the saturation by 10% instead.

■ 42.7690, 45.3868,
60.5392

■ 42.7690, 45.3868,
60.5392

348.5986,
368.3379, 444.4421

■ 29.8976, 31.7622,
43.4253

■ 78.6200, 83.3005,
107.1625

■ 19.9086, 21.1799,
29.8850

■ 102.3304,
108.3585, 137.5089

■ 12.4365, 13.2556,
19.5000

130.3846,
137.9963, 173.1032

■ 7.1160, 7.6048,
11.8517

163.1478,
172.5985, 214.3639

■ 3.5817, 3.8431,
6.5215

200.9854,
212.5493, 261.7096

■ 1.4683, 1.5862,
3.0908

244.2629,

■ 0.3041, 0.3483,

258.2332, 315.5589

1.1412

293.3455,
310.0346, 376.3302

■ 0.0000, 0.0000,
0.0000

■ 42.7690, 45.3868,
60.5392

■ 42.7690, 45.3868,
60.5392

■ 36.6993, 39.0150,
59.6300

■ 49.6712, 52.4615,
61.5417

■ 31.4242, 33.3168,
58.8081

■ 57.4335, 60.2560,
62.6371

■ 26.9090, 28.2688,
58.0717

■ 66.0874, 68.7936,
63.8289

■ 23.1144, 23.8439,
57.4176

■ 75.6611, 78.0947,
65.1196

■ 19.9973, 20.0129,
56.8425

■ 81.8230, 85.9316,
66.3075

■ 17.5097, 16.7434,
56.3425

■ 85.1646, 92.6150,
67.4214

■ 15.5961, 13.9991,
55.9137

■ 87.3089, 96.9036,
68.1362

■ 14.1877, 11.7362,
55.5511

■ 13.7236, 10.9529,
55.4244

Harmonies

Analogous

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



41.0408, 45.3868, 58.3660



42.7690, 45.3868, 60.5392



44.6466, 45.3868, 59.5608

Triad

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



42.7690, 45.3868, 60.5392



46.5483, 45.3868, 45.2714



40.2530, 45.3868, 43.5583

Complementary

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



42.7690, 45.3868, 60.5392



47.8774, 49.6297, 43.6161

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.



41.6653, 45.3868, 40.4984



42.7690, 45.3868, 60.5392



45.3070, 45.3868, 41.4356

Square

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



42.7690, 45.3868, 60.5392



46.8647, 45.3868, 50.4882



43.5107, 45.3868, 39.7506



39.6158, 45.3868, 48.3640

Rectangle

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



42.7690, 45.3868, 60.5392



45.7262, 45.3868, 57.2867



43.5107, 45.3868, 39.7506



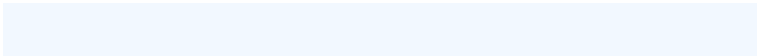
40.6509, 45.3868, 42.3059

Sweetspot

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



42.7704, 45.3887, 60.5402



88.2687, 93.1713, 107.9393



45.0753, 52.5490, 53.4459



18.6959, 19.7427, 23.0753



0.0000, 0.0000, 0.0000



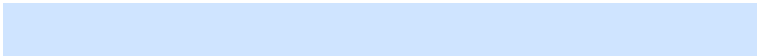
20.3446, 21.4041, 23.3091

Same Dimension

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



42.7704, 45.3887, 60.5402



71.3315, 75.7705, 105.4733



40.4048, 40.1526, 59.6542



10.4321, 11.0384, 13.4983



8.9084, 7.2108, 35.6667



0.4936, 0.4850, 1.7127

Inverse Universe

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



45.7134, 43.1167, 49.6313



77.4130, 71.2555, 82.8912



50.5301, 55.5620, 44.6213



10.8234, 10.7127, 12.0533



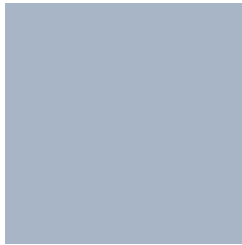
16.2959, 8.2679, 6.7681



0.8079, 0.4060, 0.5113

Previews

White Background



This preview shows how the XYZ color 42.7690, 45.3868, 60.5392 looks on a white background.

Color Contrast Check

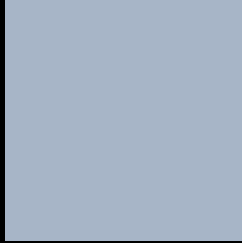
Large Text (above 18pt) WCAG AA × Fail

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 42.7690, 45.3868, 60.5392 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 42.7690, 45.3868, 60.5392

Background



This preview shows how black text looks on a background with the XYZ color 42.7690, 45.3868, 60.5392.



This preview shows how white text looks on a background with the XYZ color 42.7690, 45.3868,

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

42.7690, 45.3868, 60.5392

Protanopia

44.1299, 45.2191, 59.2256

Deuteranopia

46.2488, 45.3949, 60.9681



Tritanopia

42.4176, 45.5484, 58.7806

Trichromacy



Original Color

42.7690, 45.3868, 60.5392

Protanomaly

43.5467, 45.2017, 59.8557

Deuteranomaly

44.9699, 45.3177, 61.0206

Tritanomaly

42.5319, 45.5941, 59.3822

Monochromacy



Original Color

42.7690, 45.3868, 60.5392

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8634, 45.3016, 52.9393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7690, 45.3868, 60.5392 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(167, 181, 199)` looks like.

```
.text, #text, p{  
    color:rgb(167, 181, 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(167, 181, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 181, 199) }
```

Border

The CSS property to change the border of an element to XYZ 42.7690, 45.3868, 60.5392 is called "border". The border property can be set on classes, ids or directly on the HTML element.

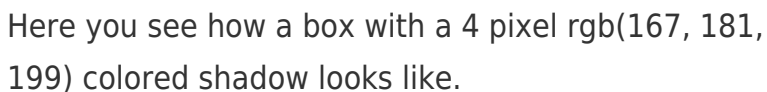
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 181, 199) }
```


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

```
.border{ border-color:rgb(167, 181, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 181, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 181, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 181, 199); box-shadow:4px 4px 4px 4px rgb(167, 181, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7690, 45.3868, 60.5392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 181, 199) }
```

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

```
.background{ background-color: rgb(167,  
181, 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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