

Converting Colors

XYZ(41.2485, 45.1089, 60.7845)

Have a look what the booklet for
XYZ(41.2485, 45.1089, 60.7845)
contains.

XYZ(41.3428, 45.2596, 60.5898)	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(41.3428, 45.2596,
60.5898)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB7C7
RGB	158, 183, 199
RGB Percent	62%, 72%, 78%
CMY	0.3804, 0.2823, 0.2196
CMYK	0.21, 0.08, 0.00, 0.22
HSL	203°, 27%, 70%
HSV	203°, 21%, 78%
XYZ	41.3428, 45.2596, 60.5898
YIQ	177.3490, -20.0360, -0.3240

Conversions

Conversions Part 2

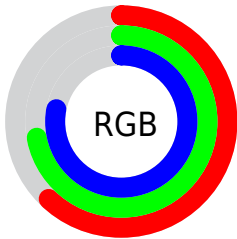
Format	Color
R _Y B	158, 174, 199
Decimal	10401735
CIE Lab	73.06, -5.05, -10.95
CIE LCh	73, 12.056, 245.242
Yxy	45.2596, 0.2809, 0.3075
Android (android.graphics.Color)	4288591815 (0xFF9EB7C7)
YUV	177.3490, 10.6739, -16.9691
Hunter-Lab	67.2753, -8.0377, -6.3054

Details

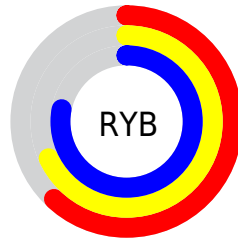
The XYZ color **41.3428, 45.2596, 60.5898** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.8611, 44.8828, 38.6474**, and the grayscale version is **41.9276, 44.1111, 48.0370**.

A 20% lighter version of the original color is **76.3571, 83.0991, 106.6230**, and **19.0373, 21.0738, 29.8523** is the 20% darker color. If you saturate the color by 10%, you get **36.1836, 40.2887, 59.9030**, and if you desaturate by 10%, it is **47.2269, 50.7377, 61.3378**.

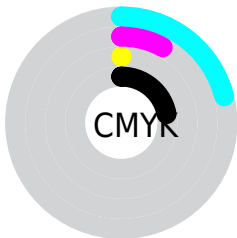
Distribution



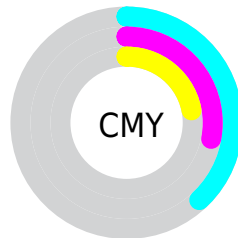
- Red (62%)
- Green (72%)
- Blue (78%)



- Red (62%)
- Yellow (68%)
- Blue (78%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3428, 45.2596, 60.5898 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 41.3428, 45.2596, 60.5898 by changing the saturation by 10% instead.

■ 41.3428, 45.2596,
60.5898

■ 41.3428, 45.2596,
60.5898

342.7895,
367.8239, 444.6332

■ 28.7759, 31.6620,
43.4658

■ 76.4754, 83.1098,
107.2365

■ 19.0548, 21.1034,
29.9167

■ 99.7719, 108.1312,
137.5963

■ 11.8141, 13.1996,
19.5238

127.3755,
137.7293, 173.2051

■ 6.6885, 7.5662,
11.8688

159.6517,
172.2884, 214.4815

■ 3.3127, 3.8186,
6.5329

196.9659,
212.1931, 261.8439

■ 1.3212, 1.5726,
3.0978

239.6833,

■ 0.1990, 0.3390,

257.8276, 315.7110

1.1448

288.1694,
309.5764, 376.5012

■ 0.0000, 0.0000,
0.0000

■ 41.3428, 45.2596,
60.5898

■ 41.3428, 45.2596,
60.5898

■ 36.1836, 40.2887,
59.9030

■ 47.2269, 50.7377,
61.3378

■ 31.7134, 35.8009,
59.2723

■ 53.8617, 56.7349,
62.1457

■ 27.8991, 31.7781,
58.6969

■ 61.2766, 63.2694,
63.0162

■ 24.7031, 28.1989,
58.1745

■ 69.4979, 70.3569,
63.9509

■ 22.0837, 25.0394,
57.7027

■ 77.6244, 77.5345,
64.9080

■ 19.9934, 22.2728,
57.2789

■ 79.7324, 81.7505,
65.6106

■ 18.3760, 19.8677,
56.8999

■ 81.9366, 86.1589,
66.3454

■ 17.1894, 17.8845,
56.5796

■ 84.2382, 90.7620,
67.1126

■ 86.6384, 95.5624,
67.9126

Harmonies

Analogous

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



39.7919, 45.2596, 56.2858



41.3428, 45.2596, 60.5898



43.3892, 45.2596, 61.7661

Triad

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



41.3428, 45.2596, 60.5898



47.1814, 45.2596, 48.2271



40.7213, 45.2596, 40.3949

Complementary

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



41.3428, 45.2596, 60.5898



44.8611, 44.8828, 38.6474

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.



42.6487, 45.2596, 38.6014



41.3428, 45.2596, 60.5898



46.4136, 45.2596, 42.8811

Square

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



41.3428, 45.2596, 60.5898



46.8043, 45.2596, 54.3026



44.7376, 45.2596, 39.4732



39.4414, 45.2596, 44.5771

Rectangle

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



41.3428, 45.2596, 60.5898



44.7695, 45.2596, 60.5423



44.7376, 45.2596, 39.4732



41.3126, 45.2596, 39.5090

Sweetspot

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



41.3442, 45.2614, 60.5908



87.7684, 93.4628, 108.0220



42.1372, 51.1617, 47.5549



18.6228, 19.8570, 23.1012



0.0000, 0.0000, 0.0000



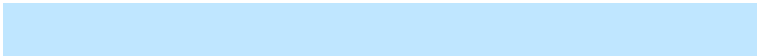
20.3446, 21.4041, 23.3091

Same Dimension

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



41.3442, 45.2614, 60.5908



67.9306, 74.9924, 105.5024



37.4689, 37.5110, 59.2991



10.5859, 11.3458, 13.5495



11.1402, 11.6744, 36.4106



0.5964, 0.6906, 1.7470

Inverse Universe

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



44.3283, 40.0157, 50.1893



74.2260, 64.3510, 83.4644



49.0656, 53.2916, 40.0489



10.9010, 10.7438, 12.4619



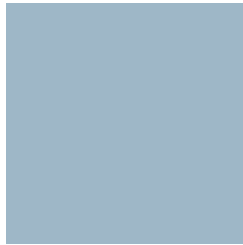
17.4224, 8.7185, 12.7002



0.8597, 0.4267, 0.7846

Previews

White Background



This preview shows how the XYZ color 41.3428, 45.2596, 60.5898 looks on a white background.

Color Contrast Check

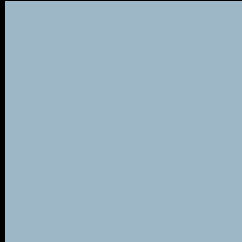
Large Text (above 18pt) WCAG AA × Fail

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 41.3428, 45.2596, 60.5898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

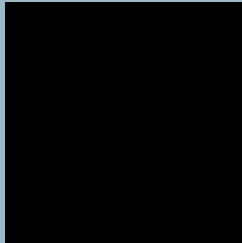
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

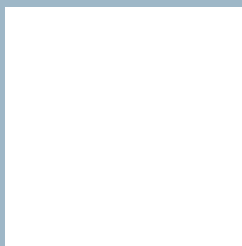
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3428, 45.2596, 60.5898

Background



This preview shows how black text looks on a background with the XYZ color 41.3428, 45.2596, 60.5898.



This preview shows how white text looks on a background with the XYZ color 41.3428, 45.2596,

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

41.3428, 45.2596, 60.5898

Protanopia

44.0157, 45.1734, 58.6240

Deuteranopia

45.9284, 44.9283, 61.5097



Tritanopia

41.2271, 45.2133, 59.9802

Trichromacy



Original Color

41.3428, 45.2596, 60.5898

Protanomaly

42.9769, 45.2198, 59.2865

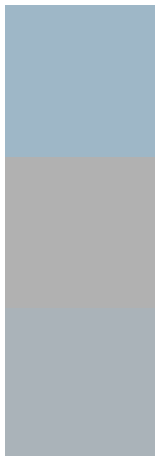
Deuteranomaly

44.0520, 44.8445, 60.9777

Tritanomaly

41.2271, 45.2133, 59.9802

Monochromacy



Original Color

41.3428, 45.2596, 60.5898

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.4546, 44.2890, 52.2627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3428, 45.2596, 60.5898 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(158, 183, 199)` looks like.

```
.text, #text, p{  
    color:rgb(158, 183, 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(158, 183, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 183, 199) }
```

Border

The CSS property to change the border of an element to XYZ 41.3428, 45.2596, 60.5898 is called "border". The border property can be set on classes, ids or directly on the HTML element.

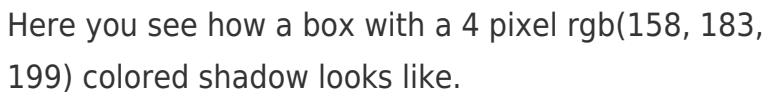
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 183, 199) }
```


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

```
.border{ border-color:rgb(158, 183, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 183, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 183, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 183, 199); box-shadow:4px 4px 4px 4px rgb(158, 183, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3428, 45.2596, 60.5898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 183, 199) }
```

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

```
.background{ background-color: rgb(158,  
183, 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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