

Converting Colors

XYZ(40.5466, 42.6488, 60.5213)

Have a look what the booklet for
XYZ(40.5466, 42.6488, 60.5213)
contains.

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Color

**XYZ(40.6486, 42.7979,
60.7620)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B0C8
RGB	161, 176, 200
RGB Percent	63%, 69%, 78%
CMY	0.3686, 0.3098, 0.2157
CMYK	0.19, 0.12, 0.00, 0.22
HSL	217°, 26%, 71%
HSV	217°, 19%, 78%
XYZ	40.6486, 42.7979, 60.7620
YIQ	174.2510, -16.6440, 4.2840

Conversions

Conversions Part 2

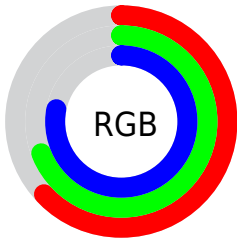
Format	Color
R_{YB}	161, 172, 200
Decimal	10596552
CIE _{Lab}	71.42, -0.09, -13.94
CIE _{LCh}	71, 13.940, 269.625
Yxy	42.7979, 0.2819, 0.2968
Android (android.graphics.Color)	4288786632 (0xFFA1B0C8)
YUV	174.2510, 12.6943, -11.6211
Hunter-Lab	65.4201, -3.5747, -9.2743

Details

The XYZ color **40.6486, 42.7979, 60.7620** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.6017, 49.5504, 40.7744**, and the grayscale version is **40.3051, 42.4041, 46.1780**.

A 20% lighter version of the original color is **75.2255, 79.5322, 105.9942**, and **18.7026, 19.7418, 30.0189** is the 20% darker color. If you saturate the color by 10%, you get **34.6316, 36.2758, 59.8209**, and if you desaturate by 10%, it is **47.5316, 50.0935, 61.8081**.

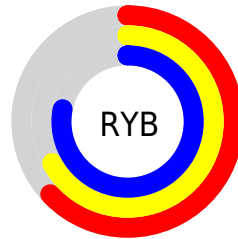
Distribution



Red (63%)

Green (69%)

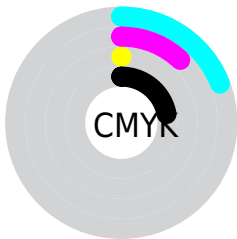
Blue (78%)



Red (63%)

Yellow (67%)

Blue (78%)

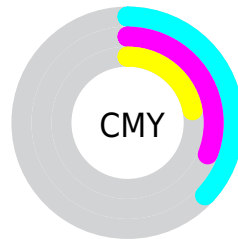


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (37%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6486, 42.7979, 60.7620 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 40.6486, 42.7979, 60.7620 by changing the saturation by 10% instead.

■ 40.6486, 42.7979,
60.7620

■ 40.6486, 42.7979,
60.7620

339.9375,
357.7800, 445.2832

■ 28.2311, 29.7266,
43.6038

■ 75.4283, 79.4058,
107.4884

■ 18.6413, 19.6311,
30.0243

■ 98.5211, 103.7112,
137.8937

■ 11.5138, 12.1272,
19.6048

125.9031,
132.5300, 173.5519

■ 6.4834, 6.8304,
11.9269

157.9395,
166.2467, 214.8813

■ 3.1846, 3.3562,
6.5720

194.9959,
205.2456, 262.3006

■ 1.2521, 1.3204,
3.1215

237.4374,

■ 0.1469, 0.1569,

249.9112, 316.2283

1.1570

285.6295,
300.6279, 377.0830

■ 0.0000, 0.0000,
0.0000

■ 40.6486, 42.7979,
60.7620

■ 40.6486, 42.7979,
60.7620

■ 34.6316, 36.2758,
59.8209

■ 47.5316, 50.0935,
61.8081

■ 29.4404, 30.4944,
58.9786

■ 55.3110, 58.1830,
62.9595

■ 25.0373, 25.4266,
58.2325

■ 64.0200, 67.0929,
64.2203

■ 21.3796, 21.0409,
57.5788

■ 73.6895, 76.8465,
65.5933

■ 18.4206, 17.3034,
57.0133

■ 82.1054, 86.3100,
66.9764

■ 16.1075, 14.1767,
56.5317

■ 85.8025, 93.7043,
68.2087

■ 14.3789, 11.6179,
56.1289

■ 87.4255, 96.9502,
68.7497

■ 13.1306, 9.5618,
55.7978

■ 13.0748, 9.4688,
55.7828

Harmonies

Analogous

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



38.4377, 42.7979, 58.6686



40.6486, 42.7979, 60.7620



42.9509, 42.7979, 58.7672

Triad

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



40.6486, 42.7979, 60.7620



44.7303, 42.7979, 40.4958



36.9061, 42.7979, 40.3626

Complementary

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



40.6486, 42.7979, 60.7620



47.6017, 49.5504, 40.7744

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.



38.4869, 42.7979, 36.2394



40.6486, 42.7979, 60.7620



43.0040, 42.7979, 36.3109

Square

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



40.6486, 42.7979, 60.7620



45.3619, 42.7979, 46.6843



40.7077, 42.7979, 34.8289



36.3284, 42.7979, 46.5151

Rectangle

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



40.6486, 42.7979, 60.7620



44.2154, 42.7979, 55.4873



40.7077, 42.7979, 34.8289



37.3347, 42.7979, 38.7156

Sweetspot

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



40.6499, 42.7997, 60.7630



86.7132, 91.3524, 107.6702



44.0468, 52.3639, 53.3541



18.3735, 19.3584, 23.0181



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.



40.6499, 42.7997, 60.7630



66.2144, 69.6194, 104.5558



38.6673, 37.6494, 59.8734



10.3856, 10.9453, 13.4828



8.3941, 6.1820, 35.4952



0.4673, 0.4325, 1.7040

Inverse Universe

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



44.4018, 40.9047, 46.6315



73.8334, 66.0077, 75.8058



49.8790, 55.6317, 41.8282



10.7999, 10.7033, 11.9296



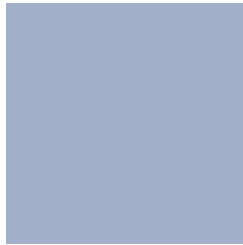
16.0363, 8.1641, 5.4009



0.7946, 0.4007, 0.4415

Previews

White Background



This preview shows how the XYZ color 40.6486, 42.7979, 60.7620 looks on a white background.

Color Contrast Check

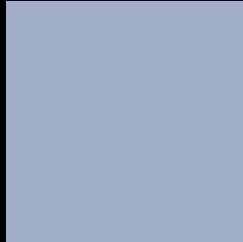
Large Text (above 18pt) WCAG AA × Fail

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 40.6486, 42.7979, 60.7620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

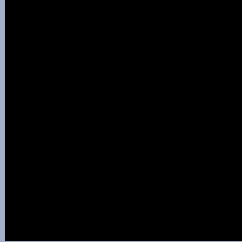
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6486, 42.7979, 60.7620

Background



This preview shows how black text looks on a background with the XYZ color 40.6486, 42.7979, 60.7620.



This preview shows how white text looks on a background with the XYZ color 40.6486, 42.7979,

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

40.6486, 42.7979, 60.7620

Protanopia

41.9312, 42.6223, 59.4430

Deuteranopia

43.5077, 42.5502, 61.1782



Tritanopia

39.5346, 42.6210, 56.0121

Trichromacy



Original Color

40.6486, 42.7979, 60.7620

Protanomaly

41.3812, 42.6111, 60.0766

Deuteranomaly

42.3084, 42.4927, 61.2304

Tritanomaly

40.0697, 42.8580, 57.7903

Monochromacy



Original Color

40.6486, 42.7979, 60.7620

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.2394, 42.5139, 50.8849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6486, 42.7979, 60.7620 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(161, 176, 200)` looks like.

```
.text, #text, p{  
    color:rgb(161, 176, 200)  
}
```

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(161, 176, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 176, 200) }
```

Border

The CSS property to change the border of an element to XYZ 40.6486, 42.7979, 60.7620 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(161, 176, 200) }
```


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

```
.border{ border-color:rgb(161, 176, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 176, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 176, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 176, 200);  
box-shadow:4px 4px 4px 4px rgb(161, 176,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6486, 42.7979, 60.7620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 176, 200) }
```

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

```
.background{ background-color: rgb(161,  
176, 200) }
```

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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