

Converting Colors

XYZ(41.9739, 44.3516, 61.6075)

Have a look what the booklet for
XYZ(41.9739, 44.3516, 61.6075)
contains.

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Color

**XYZ(41.9726, 44.3498,
61.6065)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B3C9
RGB	164, 179, 201
RGB Percent	64%, 70%, 79%
CMY	0.3569, 0.2980, 0.2118
CMYK	0.18, 0.11, 0.00, 0.21
HSL	216°, 26%, 72%
HSV	216°, 18%, 79%
XYZ	41.9726, 44.3498, 61.6065
YIQ	177.0230, -16.0020, 3.6620

Conversions

Conversions Part 2

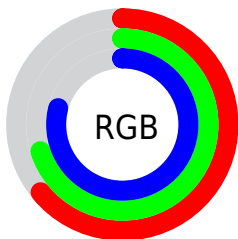
Format	Color
RYB	164, 175, 201
Decimal	10793929
CIELab	72.46, -0.55, -12.90
CIElCh	72, 12.910, 267.580
Yxy	44.3498, 0.2837, 0.2998
Android (android.graphics.Color)	4288984009 (0xFFA4B3C9)
YUV	177.0230, 11.8207, -11.4212
Hunter-Lab	66.5956, -4.0409, -8.2312

Details

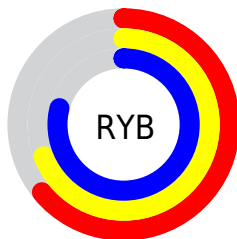
The XYZ color **41.9726, 44.3498, 61.6065** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.3475, 50.2157, 42.2674**, and the grayscale version is **41.7491, 43.9233, 47.8324**.

A 20% lighter version of the original color is **76.9717, 81.6967, 106.3199**, and **19.4094, 20.4730, 30.5325** is the 20% darker color. If you saturate the color by 10%, you get **35.8558, 37.7947, 60.6643**, and if you desaturate by 10%, it is **48.9553, 51.6617, 62.6505**.

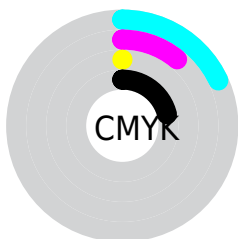
Distribution



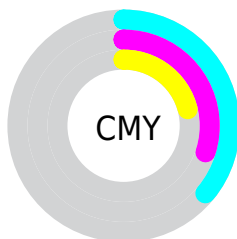
- Red (64%)
- Green (70%)
- Blue (79%)



- Red (64%)
- Yellow (69%)
- Blue (79%)



- Cyan (18%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (36%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9726, 44.3498, 61.6065 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 41.9726, 44.3498, 61.6065 by changing the saturation by 10% instead.

■ 41.9726, 44.3498,
61.6065

■ 41.9726, 44.3498,
61.6065

345.3629,
364.1338, 448.4623

■ 29.2709, 30.9456,
44.2811

■ 77.4236, 81.7438,
108.7227

■ 19.4311, 20.5574,
30.5527

■ 100.9035,
106.5025, 139.3505

■ 12.0881, 12.8009,
20.0029

128.7069,
135.8147, 175.2496

■ 6.8763, 7.2916,
12.2131

161.1991,
170.0650, 216.8384

■ 3.4305, 3.6451,
6.7646

198.7454,
209.6376, 264.5356

■ 1.3853, 1.4771,
3.2391

241.7113,

■ 0.2457, 0.2725,

254.9170, 318.7596

1.2180

290.4620,
306.2876, 379.9289

■ 0.0000, 0.0000,
0.0000

■ 41.9726, 44.3498,
61.6065

■ 41.9726, 44.3498,
61.6065

■ 35.8558, 37.7947,
60.6643

■ 48.9553, 51.6617,
62.6505

■ 30.5649, 31.9646,
59.8179

■ 56.8335, 59.7499,
63.7965

■ 26.0626, 26.8333,
59.0647

■ 65.6406, 68.6397,
65.0482

■ 22.3069, 22.3707,
58.4013

■ 75.4067, 78.3539,
66.4085

■ 19.2518, 18.5443,
57.8238

■ 82.5776, 87.0669,
67.7123

■ 16.8452, 15.3180,
57.3279

■ 86.1880, 94.2876,
68.9158

■ 15.0270, 12.6508,
56.9089

■ 87.5427, 96.9971,
69.3674

■ 13.7069, 10.4859,
56.5606

■ 13.5224, 10.1763,
56.5106

Harmonies

Analogous

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



39.8990, 44.3498, 59.3981



41.9726, 44.3498, 61.6065



44.1668, 44.3498, 59.9945

Triad

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



41.9726, 44.3498, 61.6065



46.0634, 44.3498, 42.8316



38.6411, 44.3498, 42.0089

Complementary

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



41.9726, 44.3498, 61.6065



48.3475, 50.2157, 42.2674

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.



40.2017, 44.3498, 38.2153



41.9726, 44.3498, 61.6065



44.4906, 44.3498, 38.6600

Square

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



41.9726, 44.3498, 61.6065



46.5775, 44.3498, 48.8091



42.3342, 44.3498, 37.0446



38.0183, 44.3498, 47.7734

Rectangle

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



41.9726, 44.3498, 61.6065



45.3937, 44.3498, 57.0427



42.3342, 44.3498, 37.0446



39.0706, 44.3498, 40.4808

Sweetspot

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



41.9739, 44.3516, 61.6075



86.8099, 91.5457, 107.7025



45.0161, 53.1941, 54.1183



18.3963, 19.4040, 23.0257



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.



41.9739, 44.3516, 61.6075



67.6041, 71.4034, 104.8269



39.7730, 38.9936, 60.6893



10.4038, 10.9818, 13.4888



8.5870, 6.5680, 35.5595



0.4774, 0.4526, 1.7073

Inverse Universe

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



45.5006, 42.2242, 48.4018



74.7779, 67.3158, 77.9111



50.8550, 56.4488, 43.3384



10.8091, 10.7070, 11.9781



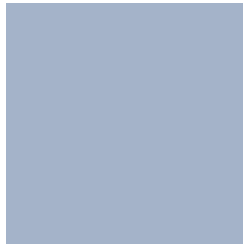
16.1337, 8.2030, 5.9138



0.7997, 0.4027, 0.4681

Previews

White Background



This preview shows how the XYZ color 41.9726, 44.3498, 61.6065 looks on a white background.

Color Contrast Check

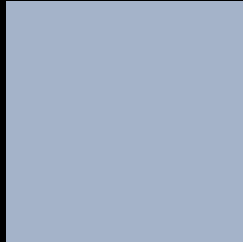
Large Text (above 18pt) WCAG AA × Fail

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 41.9726, 44.3498, 61.6065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

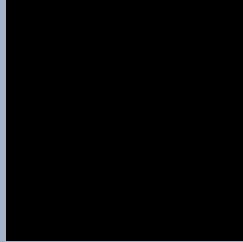
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9726, 44.3498, 61.6065

Background



This preview shows how black text looks on a background with the XYZ color 41.9726, 44.3498, 61.6065.



This preview shows how white text looks on a background with the XYZ color 41.9726, 44.3498,

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

41.9726, 44.3498, 61.6065

Protanopia

43.2897, 44.1729, 60.2774

Deuteranopia

45.1327, 44.2187, 62.0334



Tritanopia

41.1631, 44.3241, 57.4248

Trichromacy



Original Color

41.9726, 44.3498, 61.6065

Protanomaly

42.7250, 44.1605, 60.9156

Deuteranomaly

43.8951, 44.1543, 62.0862

Tritanomaly

41.5036, 44.4603, 59.2175

Monochromacy



Original Color

41.9726, 44.3498, 61.6065

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.7966, 44.1566, 52.7745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9726, 44.3498, 61.6065 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(164, 179, 201)` looks like.

```
.text, #text, p{  
    color:rgb(164, 179, 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(164, 179, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 179, 201) }
```

Border

The CSS property to change the border of an element to XYZ 41.9726, 44.3498, 61.6065 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(164, 179, 201) }
```


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

```
.border{ border-color:rgb(164, 179, 201) }
```

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

Here you see how a box with a 4 pixel rgb(164, 179, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 179, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 179, 201);  
box-shadow:4px 4px 4px 4px rgb(164, 179,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9726, 44.3498, 61.6065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 179, 201) }
```

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

```
.background{ background-color: rgb(164,  
179, 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](#).

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