

Converting Colors

XYZ(44.7058, 44.5395, 76.7617)

Have a look what the booklet for XYZ(44.7058, 44.5395, 76.7617) contains.

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Color

**XYZ(44.7058, 44.5395,
76.7617)**

Conversions

Conversions Part 1

Format	Color
Hex	A6B0E0
RGB	166, 176, 224
RGB Percent	65%, 69%, 88%
CMY	0.3490, 0.3098, 0.1216
CMYK	0.26, 0.21, 0.00, 0.12
HSL	230°, 48%, 76%
HSV	230°, 26%, 88%
XYZ	44.7058, 44.5395, 76.7617
YIQ	178.4820, -21.3680, 12.8080

Conversions

Conversions Part 2

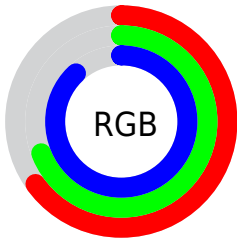
Format	Color
R _Y B	166, 175, 224
Decimal	10924256
CIE Lab	72.59, 7.00, -25.26
CIE LCh	73, 26.217, 285.494
Yxy	44.5395, 0.2693, 0.2683
Android (android.graphics.Color)	4289114336 (0xFFA6B0E0)
YUV	178.4820, 22.4404, -10.9467
Hunter-Lab	66.7379, 2.7806, -21.4786

Details

The XYZ color **44.7058, 44.5395, 76.7617** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **61.6706, 66.6940, 45.7007**, and the grayscale version is **42.4663, 44.6778, 48.6542**.

A 20% lighter version of the original color is **77.0308, 80.4628, 106.0787**, and **21.1791, 20.7906, 40.4328** is the 20% darker color. If you saturate the color by 10%, you get **37.0230, 35.5474, 75.4317**, and if you desaturate by 10%, it is **53.7056, 54.9495, 78.2974**.

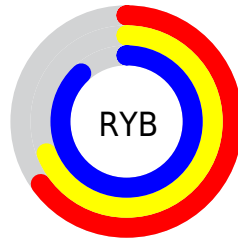
Distribution



Red (65%)

Green (69%)

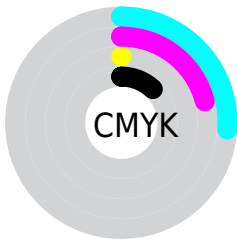
Blue (88%)



Red (65%)

Yellow (69%)

Blue (88%)

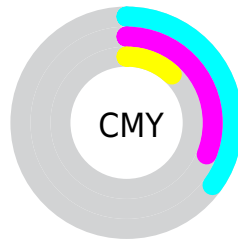


Cyan (26%)

Magenta (21%)

Yellow (0%)

Black (12%)



Cyan (35%)

Magenta (31%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7058, 44.5395, 76.7617 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 44.7058, 44.5395, 76.7617 by changing the saturation by 10% instead.

■ 44.7058, 44.5395,
76.7617

■ 44.7058, 44.5395,
76.7617

356.3845,
364.9053, 503.3672

■ 31.4260, 31.0949,
56.5469

■ 81.5185, 82.0289,
130.5730

■ 21.0769, 20.6711,
40.2347

■ 105.7822,
106.8425, 165.0066

■ 13.2930, 12.8838,
27.4064

134.4380,
136.2146, 205.0168

■ 7.7090, 7.3486,
17.6435

167.8511,
170.5295, 251.0223

■ 3.9596, 3.6810,
10.5276

206.3869,
210.1716, 303.4415

■ 1.6793, 1.4968,
5.6400

250.4109,

■ 0.4432, 0.2865,

255.5253, 362.6931

2.5622

300.2883,
306.9751, 429.1955

■ 0.0000, 0.0000,
0.8728

■ 0.0000, 0.0000,
0.0000

■ 44.7058, 44.5395,
76.7617

■ 44.7058, 44.5395,
76.7617

■ 37.0230, 35.5474,
75.4317

■ 53.7056, 54.9495,
78.2974

■ 30.5905, 27.9060,
74.2958

■ 64.0764, 66.8299,
80.0440

■ 25.3423, 21.5505,
73.3457

■ 75.8741, 80.2373,
82.0101

■ 21.2042, 16.4088,
72.5714

■ 88.9282, 95.1089,
84.1926

■ 18.0936, 12.4011,
71.9617

■ 90.4547, 98.1619,
84.7014

■ 15.9156, 9.4378,
71.5045

■ 14.5563, 7.4141,
71.1856

■ 14.1679, 6.8084,
71.0891

Harmonies

Analogous

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



40.1866, 44.5395, 76.9131



44.7058, 44.5395, 76.7617



48.8617, 44.5395, 68.1926

Triad

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



44.7058, 44.5395, 76.7617



48.7449, 44.5395, 32.7771



34.4403, 44.5395, 42.5056

Complementary

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



44.7058, 44.5395, 76.7617



61.6706, 66.6940, 45.7007

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.



36.4142, 44.5395, 33.0120



44.7058, 44.5395, 76.7617



44.5555, 44.5395, 28.1142

Square

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



44.7058, 44.5395, 76.7617



51.3047, 44.5395, 42.1261



40.0466, 44.5395, 28.1917



34.4742, 44.5395, 55.4776

Rectangle

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



44.7058, 44.5395, 76.7617



50.7738, 44.5395, 59.6096



40.0466, 44.5395, 28.1917



34.8845, 44.5395, 38.8573

Sweetspot

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



44.7072, 44.5413, 76.7627



82.7878, 86.0317, 106.8501



54.4395, 66.2420, 73.1127



17.2561, 17.8839, 22.7924



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.



44.7072, 44.5413, 76.7627



54.2660, 53.0898, 101.9950



46.9471, 42.8914, 76.3262



13.1421, 13.6234, 17.3246



8.3044, 4.0784, 41.3979



0.6335, 0.3985, 2.8888

Inverse Universe

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



52.2144, 46.2557, 47.2524



66.0040, 55.9905, 55.8037



58.8915, 69.1348, 46.3183



13.8032, 13.7389, 14.7339



18.1319, 9.3198, 2.0944



1.2860, 0.6577, 0.2991

Previews

White Background



This preview shows how the XYZ color 44.7058, 44.5395, 76.7617 looks on a white background.

Color Contrast Check

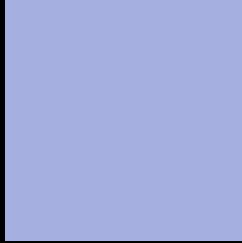
Large Text (above 18pt) WCAG AA × Fail

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 44.7058, 44.5395, 76.7617 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 44.7058, 44.5395, 76.7617

Background



This preview shows how black text looks on a background with the XYZ color 44.7058, 44.5395, 76.7617.



This preview shows how white text looks on a background with the XYZ color 44.7058, 44.5395,

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

44.7058, 44.5395, 76.7617

Protanopia

44.7058, 44.5395, 76.7617

Deuteranopia

45.3852, 44.3118, 76.6820



Tritanopia

40.9849, 44.5069, 58.6551

Trichromacy



Original Color

44.7058, 44.5395, 76.7617

Protanomaly

44.7058, 44.5395, 76.7617

Deuteranomaly

45.1467, 44.4768, 76.7264

Tritanomaly

42.1610, 44.3778, 64.7362

Monochromacy



Original Color

44.7058, 44.5395, 76.7617

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.0280, 44.3831, 57.9287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7058, 44.5395, 76.7617 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(166, 176, 224)` looks like.

```
.text, #text, p{  
    color:rgb(166, 176, 224)  
}
```

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(166, 176, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 176, 224) }
```

Border

The CSS property to change the border of an element to XYZ 44.7058, 44.5395, 76.7617 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(166, 176, 224) }
```


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

```
.border{ border-color:rgb(166, 176, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 176, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 176, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 176, 224);  
box-shadow:4px 4px 4px 4px rgb(166, 176,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7058, 44.5395, 76.7617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 176, 224) }
```

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

```
.background{ background-color: rgb(166,  
176, 224) }
```

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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