

Converting Colors

XYZ(41.1884, 42.6322, 67.6860)

Have a look what the booklet for
XYZ(41.1884, 42.6322, 67.6860)
contains.

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Color

**XYZ(41.1884, 42.6322,
67.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	9EAFD3
RGB	158, 175, 211
RGB Percent	62%, 69%, 83%
CMY	0.3804, 0.3137, 0.1725
CMYK	0.25, 0.17, 0.00, 0.17
HSL	221°, 38%, 72%
HSV	221°, 25%, 83%
XYZ	41.1884, 42.6322, 67.6860
YIQ	174.0210, -21.6880, 7.5920

Conversions

Conversions Part 2

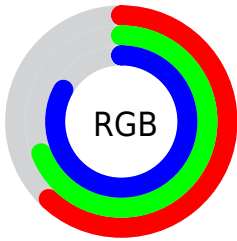
Format	Color
R_{YB}	158, 171, 211
Decimal	10399699
CIE _{Lab}	71.30, 2.06, -20.17
CIE _{LCh}	71, 20.270, 275.821
Yxy	42.6322, 0.2719, 0.2814
Android (android.graphics.Color)	4288589779 (0xFF9EAFD3)
YUV	174.0210, 18.2306, -14.0504
Hunter-Lab	65.2933, -1.6618, -15.7573

Details

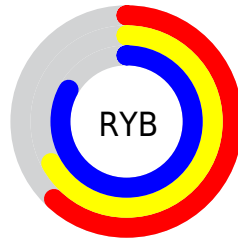
The XYZ color **41.1884, 42.6322, 67.6860** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.3279, 54.9014, 40.1880**, and the grayscale version is **40.1613, 42.2528, 46.0133**.

A 20% lighter version of the original color is **73.7874, 77.9598, 105.7665**, and **19.0276, 19.6304, 34.2387** is the 20% darker color. If you saturate the color by 10%, you get **34.7462, 35.3886, 66.6281**, and if you desaturate by 10%, it is **48.6419, 50.8387, 68.8779**.

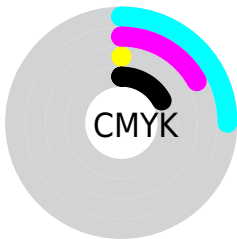
Distribution



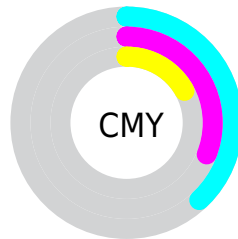
- Red (62%)
- Green (69%)
- Blue (83%)



- Red (62%)
- Yellow (67%)
- Blue (83%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (17%)



- Cyan (38%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1884, 42.6322, 67.6860 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 41.1884, 42.6322, 67.6860 by changing the saturation by 10% instead.

■ 41.1884, 42.6322,
67.6860

■ 41.1884, 42.6322,
67.6860

342.1566,
357.0970, 470.9505

■ 28.6546, 29.5966,
49.1772

■ 76.2427, 79.1555,
117.5528

■ 18.9627, 19.5326,
34.3935

■ 99.4940, 103.4121,
149.7479

■ 11.7472, 12.0558,
22.9163

127.0485,
132.1778, 187.3422

■ 6.6427, 6.7817,
14.3270

159.2715,
165.8370, 230.7542

■ 3.2840, 3.3259,
8.2071

196.5285,
204.7742, 280.4025

■ 1.3057, 1.3042,
4.1381

239.1848,

■ 0.1875, 0.1444,

249.3736, 336.7057

1.7014

287.6057,
300.0198, 400.0821

■ 0.0000, 0.0000,
0.3617

■ 0.0000, 0.0000,
0.0000

■ 41.1884, 42.6322,
67.6860

■ 41.1884, 42.6322,
67.6860

■ 34.7462, 35.3886,
66.6281

■ 48.6419, 50.8387,
68.8779

■ 29.2657, 29.0656,
65.6965

■ 57.1454, 60.0380,
70.2053

■ 24.6989, 23.6251,
64.8871

■ 66.7401, 70.2649,
71.6736

■ 20.9920, 19.0243,
64.1944

■ 77.4640, 81.5509,
73.2869

■ 18.0849, 15.2161,
63.6126

■ 86.1553, 92.2778,
74.8993

■ 15.9088, 12.1479,
63.1350

■ 88.7580, 97.4832,
75.7668

■ 14.3816, 9.7589,
62.7544

■ 13.8062, 8.7995,
62.5995

Harmonies

Analogous

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



37.8975, 42.6322, 65.7144



41.1884, 42.6322, 67.6860



44.4749, 42.6322, 63.3454

Triad

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



41.1884, 42.6322, 67.6860



46.0652, 42.6322, 36.2863



34.8359, 42.6322, 39.1543

Complementary

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



41.1884, 42.6322, 67.6860



52.3279, 54.9014, 40.1880

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.



36.8080, 42.6322, 32.8136



41.1884, 42.6322, 67.6860



43.2621, 42.6322, 31.3273

Square

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



41.1884, 42.6322, 67.6860



47.3900, 42.6322, 44.5430



39.8601, 42.6322, 30.1510



34.3494, 42.6322, 48.3474

Rectangle

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



41.1884, 42.6322, 67.6860



46.1826, 42.6322, 57.7710



39.8601, 42.6322, 30.1510



35.3414, 42.6322, 36.6613

Sweetspot

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



41.1897, 42.6339, 67.6870



83.6770, 87.8100, 107.1465



47.0587, 57.7237, 59.3097



17.4786, 18.3289, 22.8666



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.



41.1897, 42.6339, 67.6870



57.8904, 59.4750, 103.0364



39.8870, 37.3554, 66.7368



11.4689, 12.0280, 14.9608



8.4145, 5.4755, 37.8059



0.5418, 0.4488, 2.1376

Inverse Universe

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



46.8298, 41.3989, 46.0819



68.0443, 57.6138, 64.0591



53.8689, 61.6378, 41.4070



11.9628, 11.8699, 13.0799



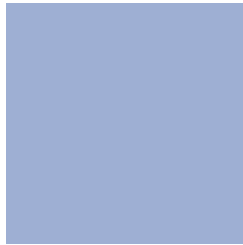
16.8780, 8.6240, 4.2636



0.9797, 0.4966, 0.4280

Previews

White Background



This preview shows how the XYZ color 41.1884, 42.6322, 67.6860 looks on a white background.

Color Contrast Check

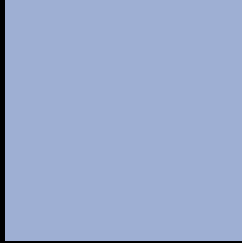
Large Text (above 18pt) WCAG AA × Fail

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 41.1884, 42.6322, 67.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

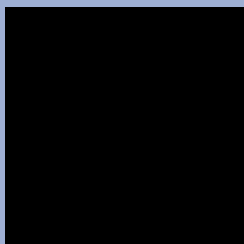
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1884, 42.6322, 67.6860

Background



This preview shows how black text looks on a background with the XYZ color 41.1884, 42.6322, 67.6860.



This preview shows how white text looks on a background with the XYZ color 41.1884, 42.6322,

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

41.1884, 42.6322, 67.6860

Protanopia

42.1781, 42.5976, 66.3207

Deuteranopia

43.6802, 42.7635, 68.2393



Tritanopia

38.7612, 42.5166, 56.0328

Trichromacy



Original Color

41.1884, 42.6322, 67.6860

Protanomaly

41.8732, 42.7118, 67.0100

Deuteranomaly

42.7846, 42.5833, 68.2518

Tritanomaly

39.5485, 42.5364, 60.1587

Monochromacy



Original Color

41.1884, 42.6322, 67.6860

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.2541, 42.1848, 53.0346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1884, 42.6322, 67.6860 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, 175, 211)` looks like.

```
.text, #text, p{  
    color:rgb(158, 175, 211)  
}
```

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, 175, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 175, 211) }
```

Border

The CSS property to change the border of an element to XYZ 41.1884, 42.6322, 67.6860 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, 175, 211) }
```


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

```
.border{ border-color:rgb(158, 175, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 175, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 175, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 175, 211);  
box-shadow:4px 4px 4px 4px rgb(158, 175,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1884, 42.6322, 67.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 175, 211) }
```

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

```
.background{ background-color: rgb(158,  
175, 211) }
```

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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