

Converting Colors

XYZ(41.5768, 47.0158, 71.8494)

Have a look what the booklet for
XYZ(41.5768, 47.0158, 71.8494)
contains.

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Color

**XYZ(41.5768, 47.0158,
71.8494)**

Conversions

Conversions Part 1

Format	Color
Hex	8DBDD8
RGB	141, 189, 216
RGB Percent	55%, 74%, 85%
CMY	0.4470, 0.2588, 0.1529
CMYK	0.35, 0.12, 0.00, 0.15
HSL	202°, 49%, 70%
HSV	202°, 35%, 85%
XYZ	41.5768, 47.0158, 71.8494
YIQ	177.7260, -37.2750, -1.7790

Conversions

Conversions Part 2

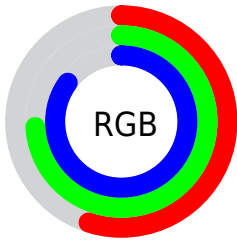
Format	Color
R_{YB}	141, 170, 216
Decimal	9289176
CIE _{Lab}	74.20, -9.24, -18.60
CIE _{LCh}	74, 20.771, 243.593
Yxy	47.0158, 0.2591, 0.2930
Android (android.graphics.Color)	4287479256 (0xFF8DBDD8)
YUV	177.7260, 18.8691, -32.2087
Hunter-Lab	68.5681, -11.7592, -14.1297

Details

The XYZ color **41.5768, 47.0158, 71.8494** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **47.1301, 44.5280, 31.3114**, and the grayscale version is **42.0910, 44.2830, 48.2242**.

A 20% lighter version of the original color is **73.7284, 84.3951, 107.0117**, and **19.2617, 22.2562, 36.9989** is the 20% darker color. If you saturate the color by 10%, you get **36.6283, 42.0490, 71.1523**, and if you desaturate by 10%, it is **47.3342, 52.5349, 72.6121**.

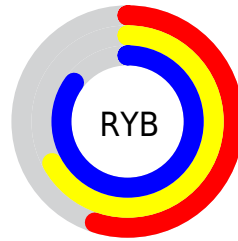
Distribution



Red (55%)

Green (74%)

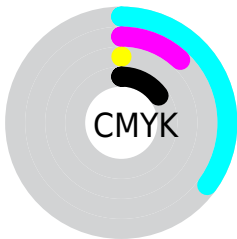
Blue (85%)



Red (55%)

Yellow (67%)

Blue (85%)

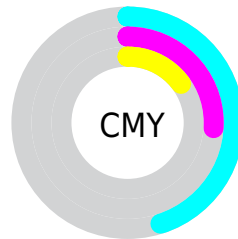


Cyan (35%)

Magenta (12%)

Yellow (0%)

Black (15%)



Cyan (45%)

Magenta (26%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5768, 47.0158, 71.8494 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 41.5768, 47.0158, 71.8494 by changing the saturation by 10% instead.

■ 41.5768, 47.0158,
71.8494

■ 41.5768, 47.0158,
71.8494

343.7472,
374.8776, 485.9807

■ 28.9597, 33.0481,
52.5496

■ 76.8279, 85.7372,
123.5481

■ 19.1945, 22.1633,
37.0581

■ 100.1927,
111.2597, 156.7841

■ 11.9157, 13.9770,
24.9563

127.8707,
141.4027, 195.5025

■ 6.7581, 8.1046,
15.8258

160.2273,
176.5505, 240.1220

■ 3.3563, 4.1620,
9.2479

197.6279,
217.0875, 291.0610

■ 1.3448, 1.7646,
4.8042

240.4379,

■ 0.2164, 0.4650,

263.3980, 348.7381

2.0761

289.0225,
315.8666, 413.5718

■ 0.0000, 0.0000,
0.6015

■ 0.0000, 0.0000,
0.0000

■ 41.5768, 47.0158,
71.8494

■ 41.5768, 47.0158,
71.8494

■ 36.6283, 42.0490,
71.1523

■ 47.3342, 52.5349,
72.6121

■ 32.4411, 37.6045,
70.5152

■ 53.9358, 58.6234,
73.4393

■ 28.9690, 33.6578,
69.9364

■ 61.4201, 65.3040,
74.3343

■ 26.1587, 30.1789,
69.4130

■ 69.8220, 72.5966,
75.2991

■ 23.9485, 27.1340,
68.9418

■ 79.1740, 80.5201,
76.3356

■ 22.2633, 24.4821,
68.5187

■ 83.5317, 86.0117,
77.1659

■ 21.5185, 23.2053,
68.3115

■ 85.8151, 90.5785,
77.9270

■ 88.1972, 95.3426,
78.7211

■ 89.3948, 97.7379,
79.1203

Harmonies

Analogous

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



38.9826, 47.0158, 63.4006



41.5768, 47.0158, 71.8494



45.1374, 47.0158, 74.5142

Triad

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



41.5768, 47.0158, 71.8494



52.2232, 47.0158, 49.9176



40.8403, 47.0158, 35.9363

Complementary

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



41.5768, 47.0158, 71.8494



47.1301, 44.5280, 31.3114

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.



44.2398, 47.0158, 33.3280



41.5768, 47.0158, 71.8494



50.9226, 47.0158, 40.6612

Square

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



41.5768, 47.0158, 71.8494



51.4139, 47.0158, 60.8676



47.9488, 47.0158, 34.9305



38.5743, 47.0158, 42.6007

Rectangle

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



41.5768, 47.0158, 71.8494



47.6154, 47.0158, 72.3845



47.9488, 47.0158, 34.9305



41.8814, 47.0158, 34.6016

Sweetspot

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



41.5783, 47.0176, 71.8505



83.4241, 89.7628, 107.5368



42.5397, 57.5748, 45.5528



17.5296, 18.9204, 22.9780



0.0000, 0.0000, 0.0000



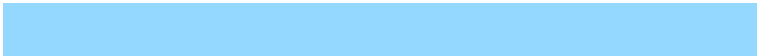
20.3446, 21.4041, 23.3091

Same Dimension

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



41.5783, 47.0176, 71.8505



54.9150, 62.8472, 103.8441



34.6493, 33.1597, 69.5408



12.3987, 13.3209, 15.8552



12.8422, 13.9461, 40.4682



0.8517, 0.9955, 2.4666

Inverse Universe

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



47.0303, 37.3242, 52.8716



64.2667, 47.3894, 71.0284



54.8992, 60.0662, 33.9011



12.7545, 12.5533, 14.6472



19.5410, 9.7527, 15.4188



1.2176, 0.6038, 1.1350

Previews

White Background



This preview shows how the XYZ color 41.5768, 47.0158, 71.8494 looks on a white background.

Color Contrast Check

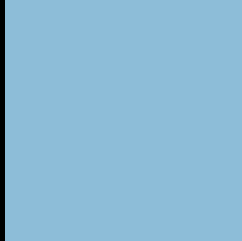
Large Text (above 18pt) WCAG AA × Fail

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 41.5768, 47.0158, 71.8494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

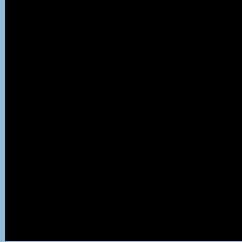
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5768, 47.0158, 71.8494

Background



This preview shows how black text looks on a background with the XYZ color 41.5768, 47.0158, 71.8494.



This preview shows how white text looks on a background with the XYZ color 41.5768, 47.0158,

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

41.5768, 47.0158, 71.8494

Protanopia

45.8586, 46.5258, 67.5361

Deuteranopia

47.8667, 46.8478, 72.8494



Tritanopia

40.4188, 47.2068, 65.3740

Trichromacy



Original Color

41.5768, 47.0158, 71.8494

Protanomaly

43.9214, 46.4070, 68.9299

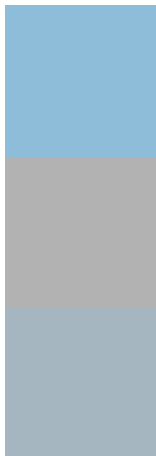
Deuteranomaly

45.1887, 46.6811, 72.2743

Tritanomaly

40.8615, 47.0555, 67.9018

Monochromacy



Original Color

41.5768, 47.0158, 71.8494

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.7594, 45.2610, 56.4045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5768, 47.0158, 71.8494 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(141, 189, 216)` looks like.

```
.text, #text, p{  
    color:rgb(141, 189, 216)  
}
```

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(141, 189, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 189, 216) }
```

Border

The CSS property to change the border of an element to XYZ 41.5768, 47.0158, 71.8494 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(141, 189, 216) }
```


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

```
.border{ border-color:rgb(141, 189, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 189, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 189, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 189, 216);  
box-shadow:4px 4px 4px 4px rgb(141, 189,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5768, 47.0158, 71.8494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 189, 216) }
```

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

```
.background{ background-color: rgb(141,  
189, 216) }
```

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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