

Converting Colors

XYZ(41.4548, 42.3788, 85.3519)

Have a look what the booklet for
XYZ(41.4548, 42.3788, 85.3519)
contains.

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Color

**XYZ(41.4548, 42.3788,
85.3519)**

Conversions

Conversions Part 1

Format	Color
Hex	8DAFEC
RGB	141, 175, 236
RGB Percent	55%, 69%, 93%
CMY	0.4470, 0.3137, 0.0745
CMYK	0.40, 0.26, 0.00, 0.07
HSL	219°, 71%, 74%
HSV	219°, 40%, 93%
XYZ	41.4548, 42.3788, 85.3519
YIQ	171.7880, -39.8450, 11.7630

Conversions

Conversions Part 2

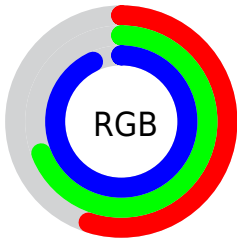
Format	Color
R _Y B	141, 166, 236
Decimal	9285612
CIE Lab	71.13, 3.62, -34.18
CIE LCh	71, 34.373, 276.040
Yxy	42.3788, 0.2450, 0.2505
Android (android.graphics.Color)	4287475692 (0xFF8DAFEC)
YUV	171.7880, 31.6565, -27.0011
Hunter-Lab	65.0990, -0.2551, -32.1664

Details

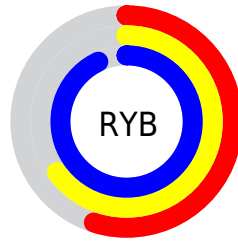
The XYZ color **41.4548, 42.3788, 85.3519** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **60.5215, 61.9983, 33.9780**, and the grayscale version is **38.9663, 40.9956, 44.6442**.

A 20% lighter version of the original color is **69.3728, 75.6839, 105.5599**, and **19.1589, 19.4396, 45.9225** is the 20% darker color. If you saturate the color by 10%, you get **35.0757, 34.9555, 84.2561**, and if you desaturate by 10%, it is **49.0228, 50.9080, 86.6001**.

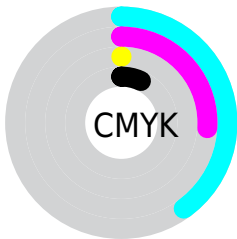
Distribution



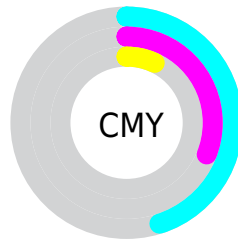
- Red (55%)
- Green (69%)
- Blue (93%)



- Red (55%)
- Yellow (65%)
- Blue (93%)



- Cyan (40%)
- Magenta (26%)
- Yellow (0%)
- Black (7%)



- Cyan (45%)
- Magenta (31%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4548, 42.3788, 85.3519 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 41.4548, 42.3788, 85.3519 by changing the saturation by 10% instead.

■ 41.4548, 42.3788,
85.3519

■ 41.4548, 42.3788,
85.3519

343.2481,
356.0508, 532.9667

■ 28.8639, 29.3980,
63.5804

■ 76.6442, 78.7726,
142.7433

■ 19.1216, 19.3821,
45.8669

■ 99.9733, 102.9544,
179.2002

■ 11.8627, 11.9467,
31.7929

127.6126,
131.6387, 221.3893

■ 6.7218, 6.7074,
20.9398

159.9273,
165.2098, 269.7291

■ 3.3335, 3.2798,
12.8892

197.2829,
204.0522, 324.6382

■ 1.3325, 1.2795,
7.2225

240.0446,

■ 0.2073, 0.1252,

248.5502, 386.5352

3.5211

288.5779,
299.0883, 455.8385

■ 0.0000, 0.0000,
1.3665

■ 0.0000, 0.0000,
0.1154

■ 41.4548, 42.3788,
85.3519

■ 41.4548, 42.3788,
85.3519

■ 35.0757, 34.9555,
84.2561

■ 49.0228, 50.9080,
86.6001

■ 29.8154, 28.5834,
83.3034

■ 57.8356, 60.5849,
88.0034

■ 25.6028, 23.2095,
82.4881

■ 67.9507, 71.4546,
89.5684

■ 22.3558, 18.7735,
81.8030

■ 79.4207, 83.5585,
91.3001

■ 19.9780, 15.2065,
81.2399

■ 90.8064, 96.1680,
93.1339

■ 18.3469, 12.4690,
80.7974

■ 92.1405, 98.8362,
93.5786

Harmonies

Analogous

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



35.9534, 42.3788, 81.5618



41.4548, 42.3788, 85.3519



47.1434, 42.3788, 76.7857

Triad

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



41.4548, 42.3788, 85.3519



49.9008, 42.3788, 29.9040



30.9949, 42.3788, 34.4389

Complementary

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



41.4548, 42.3788, 85.3519



60.5215, 61.9983, 33.9780

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.



34.1169, 42.3788, 24.9780



41.4548, 42.3788, 85.3519



44.9400, 42.3788, 22.8290

Square

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



41.4548, 42.3788, 85.3519



52.3093, 42.3788, 42.8899



39.1272, 42.3788, 21.2687



30.2522, 42.3788, 49.5572

Rectangle

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



41.4548, 42.3788, 85.3519



50.1669, 42.3788, 66.1945



39.1272, 42.3788, 21.2687



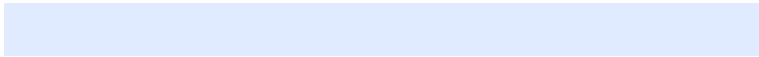
31.7853, 42.3788, 30.6151

Sweetspot

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



41.4562, 42.3804, 85.3529



78.7237, 82.7495, 106.4308



51.5434, 69.8796, 66.1340



16.5002, 17.3376, 22.7268



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.



41.4562, 42.3804, 85.3529



43.2650, 43.3843, 100.7014



37.9297, 31.9449, 83.5245



14.6724, 15.4312, 19.1275



10.2243, 7.0956, 44.5737



0.8910, 0.7335, 3.5295

Inverse Universe

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



51.8561, 39.9793, 45.5427



57.4496, 41.0764, 46.1860



65.3385, 77.6559, 36.7463



15.2882, 15.1431, 16.8029



20.0160, 10.2091, 5.8858



1.6162, 0.8195, 0.6965

Previews

White Background



This preview shows how the XYZ color 41.4548, 42.3788, 85.3519 looks on a white background.

Color Contrast Check

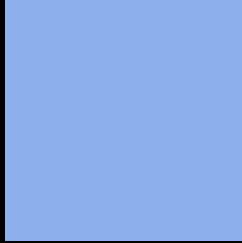
Large Text (above 18pt) WCAG AA × Fail

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 41.4548, 42.3788, 85.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

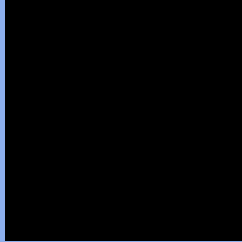
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4548, 42.3788, 85.3519

Background



This preview shows how black text looks on a background with the XYZ color 41.4548, 42.3788, 85.3519.



This preview shows how white text looks on a background with the XYZ color 41.4548, 42.3788,

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

41.4548, 42.3788, 85.3519

Protanopia

42.9812, 42.0769, 82.9471

Deuteranopia

43.3665, 42.2088, 85.9822



Tritanopia

36.1661, 42.3124, 59.0843

Trichromacy



Original Color

41.4548, 42.3788, 85.3519

Protanomaly

42.3663, 42.0249, 83.7206

Deuteranomaly

42.6163, 42.1035, 86.0014

Tritanomaly

37.8696, 42.0942, 67.7571

Monochromacy



Original Color

41.4548, 42.3788, 85.3519

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.4918, 41.4043, 57.5402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4548, 42.3788, 85.3519 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, 175, 236)` looks like.

```
.text, #text, p{  
    color:rgb(141, 175, 236)  
}
```

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, 175, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 175, 236) }
```

Border

The CSS property to change the border of an element to XYZ 41.4548, 42.3788, 85.3519 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, 175, 236) }
```


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

```
.border{ border-color:rgb(141, 175, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 175, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 175, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 175, 236);  
box-shadow:4px 4px 4px 4px rgb(141, 175,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4548, 42.3788, 85.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 175, 236) }
```

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

```
.background{ background-color: rgb(141,  
175, 236) }
```

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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