

Converting Colors

XYZ(41.0672, 40.7873, 82.0428)

Have a look what the booklet for
XYZ(41.0672, 40.7873, 82.0428)
contains.

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Color

**XYZ(41.1530, 40.8715,
82.0639)**

Conversions

Conversions Part 1

Format	Color
Hex	94AAE8
RGB	148, 170, 232
RGB Percent	58%, 67%, 91%
CMY	0.4196, 0.3333, 0.0902
CMYK	0.36, 0.27, 0.00, 0.09
HSL	224°, 65%, 75%
HSV	224°, 36%, 91%
XYZ	41.1530, 40.8715, 82.0639
YIQ	170.4900, -33.0140, 14.6180

Conversions

Conversions Part 2

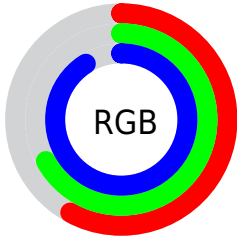
Format	Color
R _Y B	148, 165, 232
Decimal	9743080
CIE Lab	70.09, 7.20, -33.59
CIE LCh	70, 34.349, 282.101
Yxy	40.8715, 0.2508, 0.2491
Android (android.graphics.Color)	4287933160 (0xFF94AAE8)
YUV	170.4900, 30.3244, -19.7237
Hunter-Lab	63.9308, 3.0235, -31.3552

Details

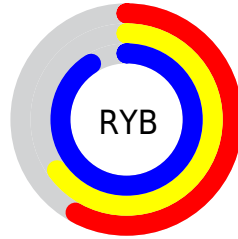
The XYZ color **41.1530, 40.8715, 82.0639** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **61.6718, 65.3886, 37.3895**, and the grayscale version is **38.3192, 40.3148, 43.9028**.

A 20% lighter version of the original color is **69.8771, 73.9078, 105.1905**, and **18.9310, 18.4711, 43.6418** is the 20% darker color. If you saturate the color by 10%, you get **34.3659, 32.9143, 80.8865**, and if you desaturate by 10%, it is **49.2020, 50.1016, 83.4220**.

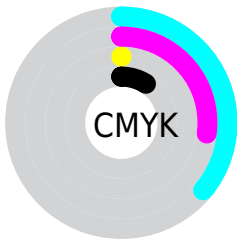
Distribution



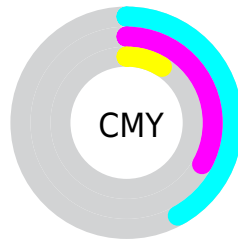
- Red (58%)
- Green (67%)
- Blue (91%)



- Red (58%)
- Yellow (65%)
- Blue (91%)



- Cyan (36%)
- Magenta (27%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (33%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1530, 40.8715, 82.0639 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 41.1530, 40.8715, 82.0639 by changing the saturation by 10% instead.

■ 41.1530, 40.8715,
82.0639

■ 41.1530, 40.8715,
82.0639

342.0113,
349.7833, 521.7505

■ 28.6269, 28.2187,
60.8821

■ 76.1893, 76.4888,
138.1011

■ 18.9416, 18.4906,
43.7001

■ 99.4302, 100.2221,
173.7936

■ 11.7318, 11.3028,
30.0993

126.9734,
128.4176, 215.1600

■ 6.6322, 6.2709,
19.6613

159.1843,
161.4598, 262.6189

■ 3.2775, 3.0105,
11.9675

196.4282,
199.7331, 316.5889

■ 1.3021, 1.1372,
6.5992

239.0704,

■ 0.1848, 0.0095,

243.6218, 377.4884

3.1381

287.4763,
293.5104, 445.7361

■ 0.0000, 0.0000,
1.1656

■ 0.0000, 0.0000,
0.0000

■ 41.1530, 40.8715,
82.0639

■ 41.1530, 40.8715,
82.0639

■ 34.3659, 32.9143,
80.8865

■ 49.2020, 50.1016,
83.4220

■ 28.7700, 26.1673,
79.8791

■ 58.5703, 60.6543,
84.9651

■ 24.2937, 20.5690,
79.0344

■ 69.3165, 72.5819,
86.7010

■ 20.8554, 16.0503,
78.3435

■ 81.4946, 85.9327,
88.6361

■ 18.3615, 12.5336,
77.7961

■ 91.5656, 98.6062,
90.5515

■ 16.6984, 9.9282,
77.3809

■ 16.2216, 9.1382,
77.2535

Harmonies

Analogous

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



35.6250, 40.8715, 80.8537



41.1530, 40.8715, 82.0639



46.5383, 40.8715, 71.5877

Triad

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



41.1530, 40.8715, 82.0639



47.4139, 40.8715, 26.8353



29.4588, 40.8715, 35.6659

Complementary

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



41.1530, 40.8715, 82.0639



61.6718, 65.3886, 37.3895

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.



32.0538, 40.8715, 25.2890



41.1530, 40.8715, 82.0639



42.2579, 40.8715, 21.1003

Square

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



41.1530, 40.8715, 82.0639



50.3792, 40.8715, 38.3340



36.6291, 40.8715, 20.6124



29.2246, 40.8715, 51.2988

Rectangle

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



41.1530, 40.8715, 82.0639



49.1828, 40.8715, 60.5809



36.6291, 40.8715, 20.6124



30.0715, 40.8715, 31.5543

Sweetspot

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



41.1544, 40.8731, 82.0649



79.2200, 82.5572, 106.3675



52.6537, 68.6434, 71.1874



16.5707, 17.2422, 22.7047



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.



41.1544, 40.8731, 82.0649



44.9379, 43.5697, 100.6490



41.2203, 35.2888, 80.9835



13.8882, 14.4978, 18.2107



9.0927, 5.2475, 42.9168



0.7461, 0.5361, 3.1961

Inverse Universe

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



51.1256, 41.2395, 43.2970



59.0655, 44.6765, 45.5891



61.4699, 73.9088, 39.0448



14.5312, 14.4297, 15.7315



18.9831, 9.7274, 3.5399



1.4402, 0.7338, 0.4587

Previews

White Background



This preview shows how the XYZ color 41.1530, 40.8715, 82.0639 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 41.1530, 40.8715, 82.0639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

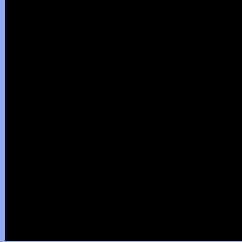
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1530, 40.8715, 82.0639

Background



This preview shows how black text looks on a background with the XYZ color 41.1530, 40.8715, 82.0639.



This preview shows how white text looks on a background with the XYZ color 41.1530, 40.8715,

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

41.1530, 40.8715, 82.0639

Protanopia

41.7486, 40.9178, 81.2988

Deuteranopia

41.8903, 40.9744, 82.0449



Tritanopia

35.9161, 41.0498, 55.8996

Trichromacy



Original Color

41.1530, 40.8715, 82.0639

Protanomaly

41.3743, 40.7248, 81.2813

Deuteranomaly

41.5160, 40.7814, 82.0274

Tritanomaly

37.7478, 40.9157, 64.9395

Monochromacy



Original Color

41.1530, 40.8715, 82.0639

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.9007, 40.2811, 56.1768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1530, 40.8715, 82.0639 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(148, 170, 232)` looks like.

```
.text, #text, p{  
    color:rgb(148, 170, 232)  
}
```

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(148, 170, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 170, 232) }
```

Border

The CSS property to change the border of an element to XYZ 41.1530, 40.8715, 82.0639 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(148, 170, 232) }
```


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

```
.border{ border-color:rgb(148, 170, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 170, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 170, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 170, 232); box-shadow:4px 4px 4px 4px rgb(148, 170, 232) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1530, 40.8715, 82.0639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 170, 232) }
```

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

```
.background{ background-color: rgb(148,  
170, 232) }
```

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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