

Converting Colors

XYZ(48.2915, 53.9466,
102.8255)

Have a look what the booklet for
XYZ(48.2915, 53.9466, 102.8255)
contains.

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Color

**XYZ(48.1426, 53.7391,
102.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	82C9FF
RGB	130, 201, 255
RGB Percent	51%, 79%, 100%
CMY	0.4902, 0.2118, 0.0000
CMYK	0.49, 0.21, 0.00, 0.00
HSL	206°, 100%, 75%
HSV	206°, 49%, 100%
XYZ	48.1426, 53.7391, 102.4430
YIQ	185.9270, -59.6500, 1.7420

Conversions

Conversions Part 2

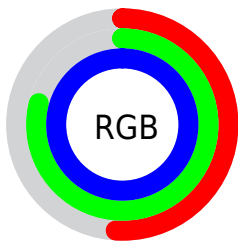
Format	Color
R_{YB}	130, 175, 255
Decimal	8571391
CIE _{Lab}	78.31, -7.94, -33.37
CIE _{LCh}	78, 34.306, 256.618
Yxy	53.7391, 0.2356, 0.2630
Android (android.graphics.Color)	4286761471 (0xFF82C9FF)
YUV	185.9270, 34.0530, -49.0480
Hunter-Lab	73.3070, -11.0615, -31.5401

Details

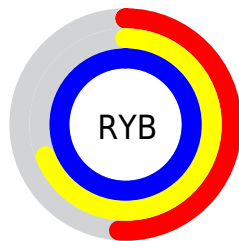
The XYZ color **48.1426, 53.7391, 102.4430** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.4108, 57.1541, 28.8637**, and the grayscale version is **46.4722, 48.8924, 53.2438**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **23.1525, 26.2467, 57.2719** is the 20% darker color. If you saturate the color by 10%, you get **42.2285, 47.0148, 101.4568**, and if you desaturate by 10%, it is **55.2131, 61.3352, 103.5366**.

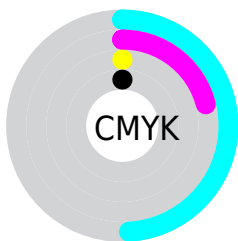
Distribution



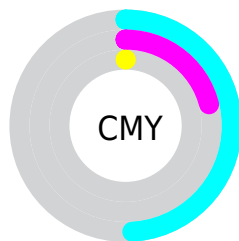
- Red (51%)
- Green (79%)
- Blue (100%)



- Red (51%)
- Yellow (69%)
- Blue (100%)



- Cyan (49%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1426, 53.7391, 102.4430 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 48.1426, 53.7391, 102.4430 by changing the saturation by 10% instead.

■ 48.1426, 53.7391,
102.4430

■ 48.1426, 53.7391,
102.4430

369.9303,
401.1143, 589.3105

■ 34.1515, 38.3931,
77.7141

■ 86.6251, 95.6911,
166.5915

■ 23.1735, 26.2879,
57.3241

■ 111.8472,
123.0658, 206.8481

■ 14.8431, 17.0392,
40.8544

■ 141.5438,
155.2190, 253.1178

■ 8.7949, 10.2624,
27.8865

176.0801,
192.5349, 305.8191

■ 4.6637, 5.5733,
18.0018

215.8216,
235.3980, 365.3705

■ 2.0840, 2.5874,
10.7818

261.1335,

■ 0.6805, 0.9203,

284.1927, 432.1904

5.8080

312.3813,
339.3033, 506.6976

■ 0.0000, 0.0000,
2.6618

■ 0.0000, 0.0000,
0.9241

■ 48.1426, 53.7391,
102.4430

■ 48.1426, 53.7391,
102.4430

■ 42.2285, 47.0148,
101.4568

■ 55.2131, 61.3352,
103.5366

■ 37.3893, 41.1112,
100.5724

■ 63.5045, 69.8385,
104.7409

■ 33.5393, 35.9794,
99.7848

■ 73.0816, 79.2889,
106.0602

■ 30.5758, 31.5604,
99.0880

■ 84.0033, 89.7220,
107.4984

■ 28.3485, 27.7703,
98.4738

95.0500, 100.0000,
108.9000

■ 28.1511, 27.4222,
98.4170

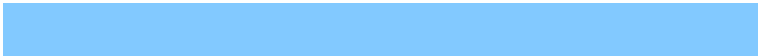
Harmonies

Analogous

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



42.7002, 53.7391, 89.7676



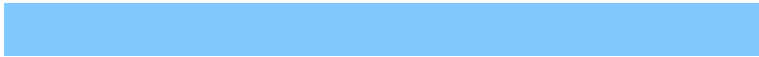
48.1426, 53.7391, 102.4430



54.8657, 53.7391, 101.6587

Triad

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



48.1426, 53.7391, 102.4430



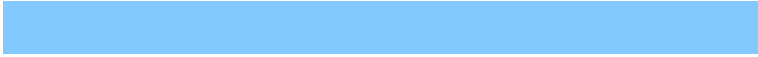
64.4978, 53.7391, 48.5474



42.2436, 53.7391, 36.5832

Complementary

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



48.1426, 53.7391, 102.4430



62.4108, 57.1541, 28.8637

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.



47.4677, 53.7391, 29.7158



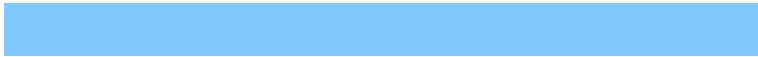
48.1426, 53.7391, 102.4430



60.4843, 53.7391, 35.5125

Square

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



48.1426, 53.7391, 102.4430



64.7189, 53.7391, 67.5095



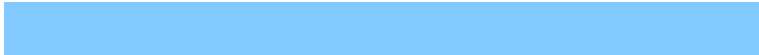
54.1291, 53.7391, 29.3725



39.5016, 53.7391, 50.3531

Rectangle

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



48.1426, 53.7391, 102.4430



59.1855, 53.7391, 93.5557



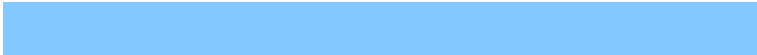
54.1291, 53.7391, 29.3725



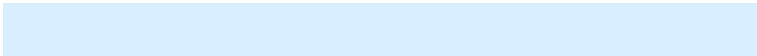
43.7458, 53.7391, 33.5370

Sweetspot

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



48.1442, 53.7410, 102.4433



77.3044, 83.3601, 106.6235



53.4194, 79.6473, 56.8611



16.0662, 17.3809, 22.7580



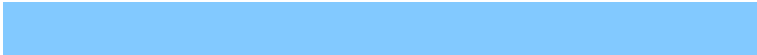
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



48.1442, 53.7410, 102.4433



42.2377, 47.0256, 101.4584



36.6968, 30.8461, 98.6275



17.8594, 19.0904, 22.9935



14.8608, 14.6312, 51.4754



1.5556, 1.6418, 5.0482

Inverse Universe

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



59.7664, 41.4441, 60.1097



55.5408, 34.9897, 52.5450



77.7963, 87.9252, 33.9922



18.4417, 18.1600, 20.9430



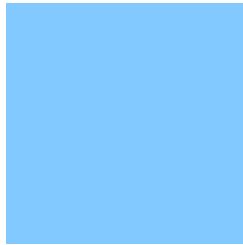
24.2893, 12.2050, 15.4396



2.4198, 1.2103, 1.7920

Previews

White Background



This preview shows how the XYZ color 48.1426, 53.7391, 102.4430 looks on a white background.

Color Contrast Check

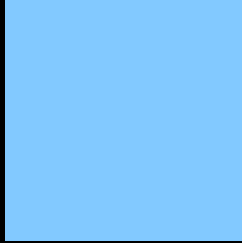
Large Text (above 18pt) WCAG AA × Fail

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 48.1426, 53.7391, 102.4430 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

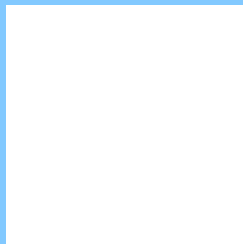
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1426, 53.7391, 102.4430

Background



This preview shows how black text looks on a background with the XYZ color 48.1426, 53.7391, 102.4430.



This preview shows how white text looks on a background with the XYZ color 48.1426, 53.7391,

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

48.1426, 53.7391, 102.4430

Protanopia

53.7794, 53.4420, 95.4765

Deuteranopia

54.5949, 53.3940, 102.0364



Tritanopia

43.3778, 53.9464, 77.9385

Trichromacy



Original Color

48.1426, 53.7391, 102.4430

Protanomaly

51.4684, 53.5094, 98.0582

Deuteranomaly

51.8390, 53.2772, 102.1591

Tritanomaly

45.1389, 53.9459, 86.6308

Monochromacy



Original Color

48.1426, 53.7391, 102.4430

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.1146, 50.0717, 68.8623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1426, 53.7391, 102.4430 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(130, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 201, 255)  
}
```

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(130, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.1426, 53.7391, 102.4430 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(130, 201, 255) }
```


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

```
.border{ border-color:rgb(130, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1426, 53.7391, 102.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 201, 255) }
```

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

```
.background{ background-color: rgb(130,  
201, 255) }
```

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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