

Converting Colors

XYZ(52.4085, 51.5576, 91.5698)

Have a look what the booklet for
XYZ(52.4085, 51.5576, 91.5698)
contains.

XYZ(52.3877, 51.5352, 91.1906)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.3877, 51.5352,
91.1906)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BBF2
RGB	179, 187, 242
RGB Percent	70%, 73%, 95%
CMY	0.2980, 0.2667, 0.0510
CMYK	0.26, 0.23, 0.00, 0.05
HSL	232°, 71%, 83%
HSV	232°, 26%, 95%
XYZ	52.3877, 51.5352, 91.1906
YIQ	190.8780, -22.4230, 15.4090

Conversions

Conversions Part 2

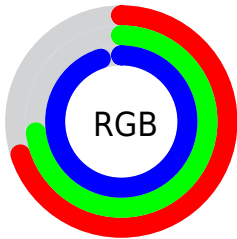
Format	Color
R _Y B	179, 186, 242
Decimal	11779058
CIE Lab	77.00, 9.08, -28.17
CIE LCh	77, 29.600, 287.867
Yxy	51.5352, 0.2685, 0.2641
Android (android.graphics.Color)	4289969138 (0xFFB3BBF2)
YUV	190.8780, 25.2031, -10.4170
Hunter-Lab	71.7880, 4.6323, -25.0630

Details

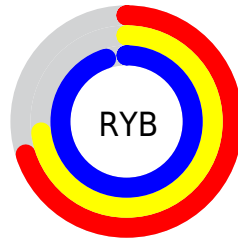
The XYZ color **52.3877, 51.5352, 91.1906** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.1780, 80.9777, 54.3699**, and the grayscale version is **49.3199, 51.8884, 56.5064**.

A 20% lighter version of the original color is **84.6927, 89.1541, 107.3524**, and **25.8455, 24.9553, 49.9090** is the 20% darker color. If you saturate the color by 10%, you get **43.1208, 40.5879, 89.5668**, and if you desaturate by 10%, it is **63.2987, 64.3113, 93.0824**.

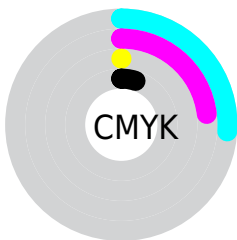
Distribution



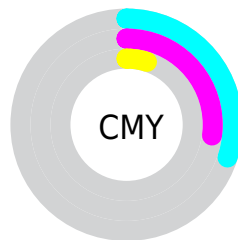
- Red (70%)
- Green (73%)
- Blue (95%)



- Red (70%)
- Yellow (73%)
- Blue (95%)



- Cyan (26%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)



- Cyan (30%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3877, 51.5352, 91.1906 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 52.3877, 51.5352, 91.1906 by changing the saturation by 10% instead.

■ 52.3877, 51.5352,
91.1906

■ 52.3877, 51.5352,
91.1906

386.2309,
392.6396, 552.5660

■ 37.5397, 36.6347,
68.3893

■ 92.8736, 92.4454,
150.9410

■ 25.8012, 24.9248,
49.7458

119.2422,
119.2239, 188.7272

■ 16.8069, 16.0210,
34.8417

150.1818,
150.7306, 232.3454

■ 10.1914, 9.5390,
23.2584

186.0576,
187.3497, 282.2142

■ 5.5893, 5.0944,
14.5773

227.2351,
229.4658, 338.7521

■ 2.6352, 2.3028,
8.3800

274.0796,

■ 0.9639, 0.7752,

277.4632, 402.3777

4.2478

326.9564,
331.7264, 473.5095

■ 0.0000, 0.0000,
1.7622

■ 0.0000, 0.0000,
0.4029

■ 52.3877, 51.5352,
91.1906

■ 52.3877, 51.5352,
91.1906

■ 43.1208, 40.5879,
89.5668

■ 63.2987, 64.3113,
93.0824

■ 35.4132, 31.3793,
88.1956

■ 75.9234, 78.9883,
95.2500

■ 29.1797, 23.8211,
87.0653

■ 90.3333, 95.6420,
97.7050

■ 24.3249, 17.8148,
86.1618

■ 93.0272, 99.1909,
98.2480

■ 20.7424, 13.2507,
85.4697

■ 18.3091, 10.0051,
84.9715

■ 16.8768, 7.9317,
84.6468

■ 16.5103, 7.3771,
84.5591

Harmonies

Analogous

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



46.7373, 51.5352, 92.3072



52.3877, 51.5352, 91.1906



57.4780, 51.5352, 79.6484

Triad

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



52.3877, 51.5352, 91.1906



56.6284, 51.5352, 36.0788



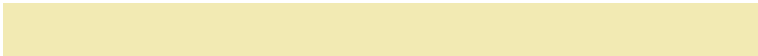
39.1218, 51.5352, 49.8317

Complementary

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



52.3877, 51.5352, 91.1906



74.1780, 80.9777, 54.3699

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.



41.3685, 51.5352, 37.7411



52.3877, 51.5352, 91.1906



51.2989, 51.5352, 30.8851

Square

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



52.3877, 51.5352, 91.1906



60.0528, 51.5352, 47.1087



45.7285, 51.5352, 31.4286



39.3641, 51.5352, 66.1974

Rectangle

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



52.3877, 51.5352, 91.1906



59.7369, 51.5352, 68.6542



45.7285, 51.5352, 31.4286



39.6034, 51.5352, 45.2005

Sweetspot

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



52.3894, 51.5373, 91.1918



82.5185, 85.4932, 106.7604



65.1375, 79.0066, 89.3587



17.1889, 17.7494, 22.7700



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.



52.3894, 51.5373, 91.1918



53.5000, 51.5579, 101.7397



56.5326, 51.2229, 90.9127



15.0590, 15.5522, 19.9298



8.9226, 4.0695, 45.4431



0.7936, 0.4412, 3.7975

Inverse Universe

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



61.7090, 54.7067, 54.3230



65.6174, 55.8358, 53.7678



69.0733, 81.8046, 54.7985



15.8545, 15.7915, 16.7900



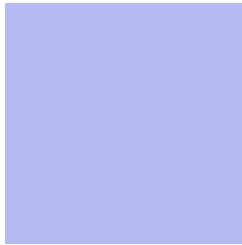
19.8293, 10.2042, 1.7520



1.6755, 0.8593, 0.2822

Previews

White Background



This preview shows how the XYZ color 52.3877, 51.5352, 91.1906 looks on a white background.

Color Contrast Check

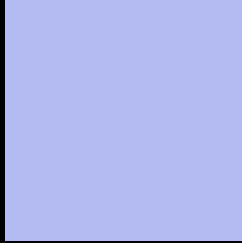
Large Text (above 18pt) WCAG AA × Fail

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 52.3877, 51.5352, 91.1906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

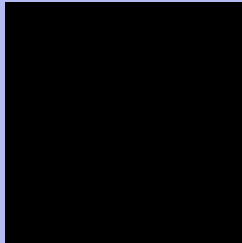
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3877, 51.5352, 91.1906

Background



This preview shows how black text looks on a background with the XYZ color 52.3877, 51.5352, 91.1906.



This preview shows how white text looks on a background with the XYZ color 52.3877, 51.5352,

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

52.3877, 51.5352, 91.1906

Protanopia

52.0654, 51.6676, 92.0227

Deuteranopia

52.6420, 51.3524, 91.1419



Tritanopia

47.4684, 51.4647, 67.1063

Trichromacy



Original Color

52.3877, 51.5352, 91.1906

Protanomaly

52.2923, 51.7846, 92.0333

Deuteranomaly

52.4083, 51.2319, 91.1309

Tritanomaly

49.2283, 51.5429, 75.0643

Monochromacy



Original Color

52.3877, 51.5352, 91.1906

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.5398, 52.0449, 68.3547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3877, 51.5352, 91.1906 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(179, 187, 242)` looks like.

```
.text, #text, p{  
    color:rgb(179, 187, 242)  
}
```

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(179, 187, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 187, 242) }
```

Border

The CSS property to change the border of an element to XYZ 52.3877, 51.5352, 91.1906 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(179, 187, 242) }
```


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

```
.border{ border-color:rgb(179, 187, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 187, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 187, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 187, 242);  
box-shadow:4px 4px 4px 4px rgb(179, 187,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3877, 51.5352, 91.1906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 187, 242) }
```

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

```
.background{ background-color: rgb(179,  
187, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor