

Converting Colors

XYZ(52.6420, 51.3524, 91.1419)

Have a look what the booklet for
XYZ(52.6420, 51.3524, 91.1419)
contains.

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Color

**XYZ(52.6420, 51.3524,
91.1419)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BAF2
RGB	181, 186, 242
RGB Percent	71%, 73%, 95%
CMY	0.2902, 0.2706, 0.0510
CMYK	0.25, 0.23, 0.00, 0.05
HSL	235°, 70%, 83%
HSV	235°, 25%, 95%
XYZ	52.6420, 51.3524, 91.1419
YIQ	190.8890, -20.9560, 16.3560

Conversions

Conversions Part 2

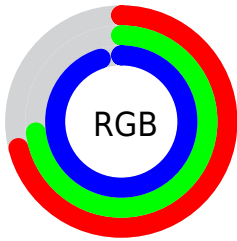
Format	Color
R _Y B	181, 186, 242
Decimal	11909874
CIE Lab	76.89, 10.22, -28.33
CIE LCh	77, 30.116, 289.835
Yxy	51.3524, 0.2698, 0.2632
Android (android.graphics.Color)	4290099954 (0xFFB5BAF2)
YUV	190.8890, 25.1977, -8.6727
Hunter-Lab	71.6606, 5.7204, -25.2459

Details

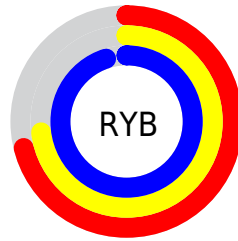
The XYZ color **52.6420, 51.3524, 91.1419** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.2434, 82.7823, 55.7305**, and the grayscale version is **49.3257, 51.8945, 56.5131**.

A 20% lighter version of the original color is **85.0620, 88.9014, 107.2842**, and **26.0029, 24.8323, 49.8770** is the 20% darker color. If you saturate the color by 10%, you get **43.1309, 40.0342, 89.4594**, and if you desaturate by 10%, it is **63.8696, 64.6380, 93.1154**.

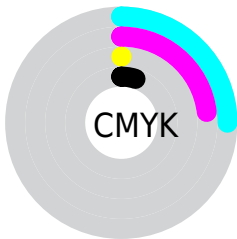
Distribution



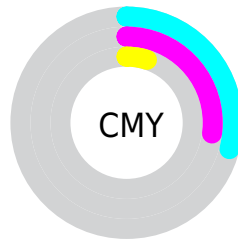
- Red (71%)
- Green (73%)
- Blue (95%)



- Red (71%)
- Yellow (73%)
- Blue (95%)



- Cyan (25%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6420, 51.3524, 91.1419 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 52.6420, 51.3524, 91.1419 by changing the saturation by 10% instead.

■ 52.6420, 51.3524,
91.1419

■ 52.6420, 51.3524,
91.1419

387.1935,
391.9314, 552.4041

■ 37.7434, 36.4891,
68.3491

■ 93.2460, 92.1755,
150.8729

■ 25.9599, 24.8122,
49.7133

119.6821,
118.9041, 188.6481

■ 16.9262, 15.9372,
34.8161

150.6947,
150.3566, 232.2546

■ 10.2768, 9.4797,
23.2388

186.6493,
186.9174, 282.1108

■ 5.6466, 5.0554,
14.5630

227.9111,
228.9708, 338.6353

■ 2.6700, 2.2798,
8.3701

274.8455,

■ 0.9818, 0.7630,

276.9014, 402.2467

4.2415

327.8178,
331.0935, 473.3634

■ 0.0000, 0.0000,
1.7587

■ 0.0000, 0.0000,
0.4005

■ 52.6420, 51.3524,
91.1419

■ 52.6420, 51.3524,
91.1419

■ 43.1309, 40.0342,
89.4594

■ 63.8696, 64.6380,
93.1154

■ 35.2469, 30.5840,
88.0509

■ 76.8874, 79.9719,
95.3890

■ 28.8999, 22.9028,
86.9028

■ 91.7708, 97.4381,
97.9759

■ 23.9891, 16.8803,
85.9991

■ 93.0272, 99.1909,
98.2480

■ 20.4017, 12.3934,
85.3222

■ 18.0077, 9.3020,
84.8517

■ 16.6501, 7.4398,
84.5638

■ 16.2745, 6.9056,
84.4804

Harmonies

Analogous

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



46.8908, 51.3524, 93.0611



52.6420, 51.3524, 91.1419



57.7182, 51.3524, 78.8253

Triad

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



52.6420, 51.3524, 91.1419



56.2627, 51.3524, 35.1081



38.7512, 51.3524, 50.5300

Complementary

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



52.6420, 51.3524, 91.1419



75.2434, 82.7823, 55.7305

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.



40.8671, 51.3524, 37.9375



52.6420, 51.3524, 91.1419



50.7786, 51.3524, 30.2593

Square

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



52.6420, 51.3524, 91.1419



59.9192, 51.3524, 45.8801



45.1666, 51.3524, 31.1824



39.1646, 51.3524, 67.3136

Rectangle

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



52.6420, 51.3524, 91.1419



59.8943, 51.3524, 67.5074



45.1666, 51.3524, 31.1824



39.1834, 51.3524, 45.7303

Sweetspot

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



52.6437, 51.3545, 91.1431



82.2530, 84.9621, 106.6719



66.0833, 79.4387, 91.9082



17.1227, 17.6169, 22.7479



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.



52.6437, 51.3545, 91.1431



53.8263, 51.3468, 101.6817



58.1217, 52.6417, 91.1028



15.0014, 15.4369, 19.9106



8.7814, 3.7871, 45.3960



0.7662, 0.3863, 3.7884

Inverse Universe

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



62.0062, 55.4717, 53.8956



65.9929, 56.7933, 53.2567



68.5854, 81.5295, 55.8396



15.8254, 15.7799, 16.6367



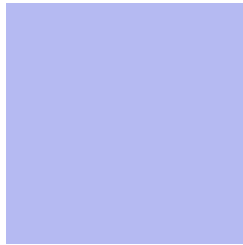
19.7581, 10.1757, 1.3766



1.6617, 0.8537, 0.2093

Previews

White Background



This preview shows how the XYZ color 52.6420, 51.3524, 91.1419 looks on a white background.

Color Contrast Check

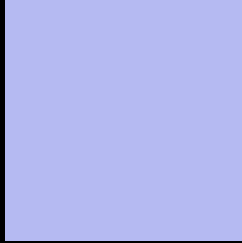
Large Text (above 18pt) WCAG AA × Fail

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 52.6420, 51.3524, 91.1419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

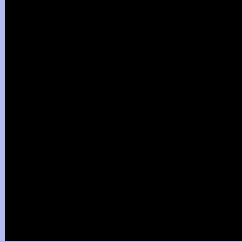
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6420, 51.3524, 91.1419

Background



This preview shows how black text looks on a background with the XYZ color 52.6420, 51.3524, 91.1419.



This preview shows how white text looks on a background with the XYZ color 52.6420, 51.3524,

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

52.6420, 51.3524, 91.1419

Protanopia

51.8401, 51.5515, 92.0122

Deuteranopia

52.6420, 51.3524, 91.1419



Tritanopia

47.6904, 51.2520, 67.0536

Trichromacy



Original Color

52.6420, 51.3524, 91.1419

Protanomaly

52.0794, 51.3588, 91.9624

Deuteranomaly

52.6420, 51.3524, 91.1419

Tritanomaly

49.4632, 51.3413, 75.0130

Monochromacy



Original Color

52.6420, 51.3524, 91.1419

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.3240, 51.6131, 68.2827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6420, 51.3524, 91.1419 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(181, 186, 242)` looks like.

```
.text, #text, p{  
    color:rgb(181, 186, 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(181, 186, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 186, 242) }
```

Border

The CSS property to change the border of an element to XYZ 52.6420, 51.3524, 91.1419 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(181, 186, 242) }
```


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

```
.border{ border-color:rgb(181, 186, 242) }
```

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

Here you see how a box with a 4 pixel rgb(181, 186, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 186, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 186, 242);  
box-shadow:4px 4px 4px 4px rgb(181, 186,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6420, 51.3524, 91.1419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 186, 242) }
```

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

```
.background{ background-color: rgb(181,  
186, 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](#).

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