

Converting Colors

XYZ(50.1547, 49.6342, 82.5382)

Have a look what the booklet for
XYZ(50.1547, 49.6342, 82.5382)
contains.

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Color

**XYZ(50.1547, 49.6342,
82.5382)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B8E7
RGB	179, 184, 231
RGB Percent	70%, 72%, 91%
CMY	0.2980, 0.2784, 0.0941
CMYK	0.23, 0.20, 0.00, 0.09
HSL	234°, 52%, 80%
HSV	234°, 23%, 91%
XYZ	50.1547, 49.6342, 82.5382
YIQ	187.8630, -18.0670, 13.5570

Conversions

Conversions Part 2

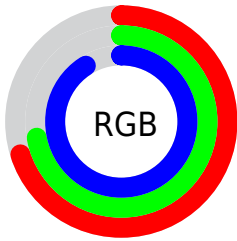
Format	Color
R_{YB}	179, 184, 231
Decimal	11778279
CIE _{Lab}	75.84, 8.16, -24.01
CIE _{LCh}	76, 25.357, 288.779
Yxy	49.6342, 0.2751, 0.2722
Android (android.graphics.Color)	4289968359 (0xFFB3B8E7)
YUV	187.8630, 21.2665, -7.7729
Hunter-Lab	70.4515, 3.7846, -20.1457

Details

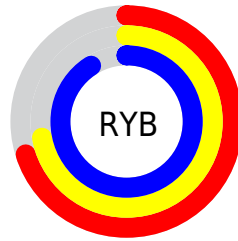
The XYZ color **50.1547, 49.6342, 82.5382** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.2886, 74.6365, 53.4563**, and the grayscale version is **47.6140, 50.0936, 54.5520**.

A 20% lighter version of the original color is **83.4710, 87.2023, 107.0401**, and **24.3116, 23.6877, 43.8483** is the 20% darker color. If you saturate the color by 10%, you get **41.2349, 39.0668, 80.9694**, and if you desaturate by 10%, it is **60.6121, 61.9468, 84.3644**.

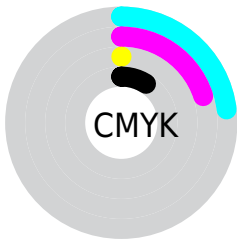
Distribution



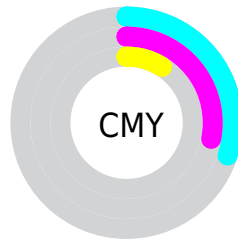
- Red (70%)
- Green (72%)
- Blue (91%)



- Red (70%)
- Yellow (72%)
- Blue (91%)



- Cyan (23%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (28%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1547, 49.6342, 82.5382 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 50.1547, 49.6342, 82.5382 by changing the saturation by 10% instead.

■ 50.1547, 49.6342,
82.5382

■ 50.1547, 49.6342,
82.5382

377.7126,
385.2337, 523.3768

■ 35.7546, 35.1228,
61.2709

■ 89.5945, 89.6327,
138.7719

■ 24.4140, 23.7575,
44.0118

115.3649,
115.8885, 174.5754

■ 15.7674, 15.1538,
30.3425

145.6562,
146.8280, 216.0613

■ 9.4495, 8.9274,
19.8445

180.8337,
182.8355, 263.6483

■ 5.0950, 4.6939,
12.0991

221.2627,
224.2955, 317.7547

■ 2.3384, 2.0688,
6.6878

267.3086,

■ 0.8142, 0.6470,

271.5922, 378.7993

3.1922

319.3368,
325.1102, 447.2005

■ 0.0000, 0.0000,
1.1936

■ 0.0000, 0.0000,
0.0000

■ 50.1547, 49.6342,
82.5382

■ 50.1547, 49.6342,
82.5382

■ 41.2349, 39.0668,
80.9694

■ 60.6121, 61.9468,
84.3644

■ 33.7755, 30.1597,
79.6433

■ 72.6699, 76.0723,
86.4554

■ 27.6997, 22.8301,
78.5488

■ 86.3933, 92.0824,
88.8224

■ 22.9218, 16.9855,
77.6725

■ 91.4240, 98.5496,
89.8055

■ 19.3464, 12.5236,
76.9997

■ 16.8651, 9.3294,
76.5140

■ 15.3491, 7.2686,
76.1961

■ 14.7150, 6.3518,
76.0525

Harmonies

Analogous

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



45.4337, 49.6342, 83.7185



50.1547, 49.6342, 82.5382



54.3283, 49.6342, 73.0201

Triad

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



50.1547, 49.6342, 82.5382



53.4052, 49.6342, 36.7728



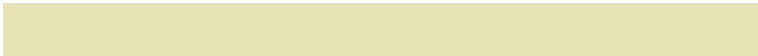
38.8308, 49.6342, 49.1470

Complementary

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



50.1547, 49.6342, 82.5382



68.2886, 74.6365, 53.4563

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.



40.6804, 49.6342, 38.6769



50.1547, 49.6342, 82.5382



48.9619, 49.6342, 32.3678

Square

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



50.1547, 49.6342, 82.5382



56.2895, 49.6342, 46.1089



44.3173, 49.6342, 33.0013



39.1031, 49.6342, 62.8392

Rectangle

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



50.1547, 49.6342, 82.5382



56.1410, 49.6342, 63.9958



44.3173, 49.6342, 33.0013



39.2198, 49.6342, 45.1800

Sweetspot

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



50.1563, 49.6362, 82.5393



83.8527, 86.9054, 106.9627



60.8674, 72.2165, 82.5397



17.7515, 18.3713, 22.8604



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.



50.1563, 49.6362, 82.5393



57.3558, 55.7171, 102.3392



54.3112, 50.2630, 82.4413



13.6938, 14.1089, 18.1459



8.2893, 3.6406, 42.6490



0.6508, 0.3455, 3.1644

Inverse Universe

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



57.7281, 52.6912, 52.4774



68.4307, 60.2811, 58.3476



63.3490, 74.1385, 53.6206



14.4330, 14.3904, 15.2147



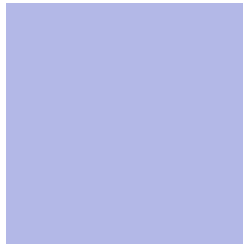
18.5775, 9.5652, 1.4044



1.3921, 0.7146, 0.2054

Previews

White Background



This preview shows how the XYZ color 50.1547, 49.6342, 82.5382 looks on a white background.

Color Contrast Check

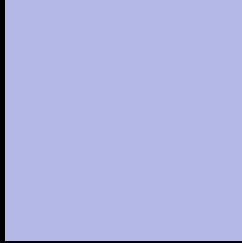
Large Text (above 18pt) WCAG AA × Fail

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 50.1547, 49.6342, 82.5382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

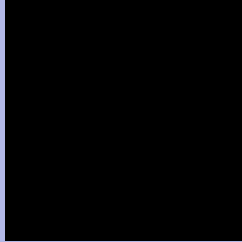
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1547, 49.6342, 82.5382

Background



This preview shows how black text looks on a background with the XYZ color 50.1547, 49.6342, 82.5382.



This preview shows how white text looks on a background with the XYZ color 50.1547, 49.6342,

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

50.1547, 49.6342, 82.5382

Protanopia

49.8189, 49.7542, 83.3217

Deuteranopia

50.6487, 49.5816, 82.5020



Tritanopia

46.5522, 49.7535, 64.2766

Trichromacy



Original Color

50.1547, 49.6342, 82.5382

Protanomaly

50.0459, 49.8712, 83.3323

Deuteranomaly

50.4133, 49.4603, 82.4910

Tritanomaly

47.8124, 49.6258, 70.6771

Monochromacy



Original Color

50.1547, 49.6342, 82.5382

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.6770, 50.2146, 64.2536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1547, 49.6342, 82.5382 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, 184, 231)` looks like.

```
.text, #text, p{  
    color:rgb(179, 184, 231)  
}
```

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, 184, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 184, 231) }
```

Border

The CSS property to change the border of an element to XYZ 50.1547, 49.6342, 82.5382 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, 184, 231) }
```


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

```
.border{ border-color:rgb(179, 184, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 184, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 184, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 184, 231);  
box-shadow:4px 4px 4px 4px rgb(179, 184,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1547, 49.6342, 82.5382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 184, 231) }
```

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

```
.background{ background-color: rgb(179,  
184, 231) }
```

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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