

Converting Colors

XYZ(60.4334, 58.1491, 97.6613)

Have a look what the booklet for
XYZ(60.4334, 58.1491, 97.6613)
contains.

XYZ(60.4334, 58.1491, 97.6613) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(60.4334, 58.1491,
97.6613)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C3F9
RGB	200, 195, 249
RGB Percent	78%, 76%, 98%
CMY	0.2157, 0.2353, 0.0235
CMYK	0.20, 0.22, 0.00, 0.02
HSL	246°, 82%, 87%
HSV	246°, 22%, 98%
XYZ	60.4334, 58.1491, 97.6613
YIQ	202.6510, -14.3540, 17.8540

Conversions

Conversions Part 2

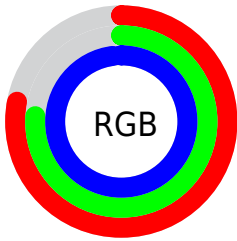
Format	Color
R _Y B	200, 195, 249
Decimal	13157369
CIE _{Lab}	80.82, 12.61, -25.94
CIE _{LCh}	81, 28.849, 295.928
Y _{xy}	58.1491, 0.2795, 0.2689
Android (android.graphics.Color)	4291347449 (0xFFC8C3F9)
YUV	202.6510, 22.8501, -2.3249
Hunter-Lab	76.2556, 8.0161, -22.5544

Details

The XYZ color **60.4334, 58.1491, 97.6613** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.0361, 90.9261, 64.9117**, and the grayscale version is **56.4153, 59.3533, 64.6357**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **30.7164, 28.8753, 53.8237** is the 20% darker color. If you saturate the color by 10%, you get **49.7178, 45.0232, 95.6935**, and if you desaturate by 10%, it is **72.9748, 73.6000, 99.9836**.

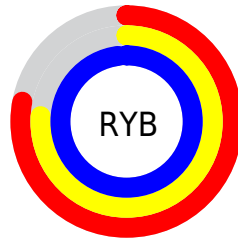
Distribution



Red (78%)

Green (76%)

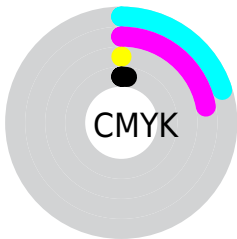
Blue (98%)



Red (78%)

Yellow (76%)

Blue (98%)

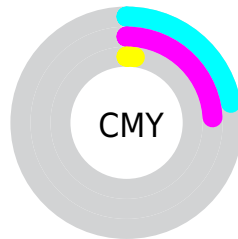


Cyan (20%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (22%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4334, 58.1491, 97.6613 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 60.4334, 58.1491, 97.6613 by changing the saturation by 10% instead.

60.4334, 58.1491,
97.6613

60.4334, 58.1491,
97.6613

416.0026,
417.7413, 573.8507

44.0189, 41.9285,
73.7429

104.5609,
102.1400, 159.9633

30.8833, 29.0453,
54.0881

133.0045,
130.6790, 199.1839

20.6614, 19.1151,
38.2784

166.1886,
164.0930, 244.3424

12.9878, 11.7535,
25.8954

204.4784,
202.7664, 295.8572

7.4971, 6.5761,
16.5203

248.2394,
247.0835, 354.1469

3.8239, 3.1984,
9.7348

297.8369,

1.6030, 1.2362,

297.4288, 419.6300

5.1202

353.6361,
354.1866, 492.7251

■ 0.3944, 0.0910,
2.2580

■ 0.0000, 0.0000,
0.7075

■ 60.4334, 58.1491,
97.6613

■ 60.4334, 58.1491,
97.6613

■ 49.7178, 45.0232,
95.6935

■ 72.9748, 73.6000,
99.9836

■ 40.7372, 34.1028,
94.0590

■ 87.4159, 91.4734,
102.6724

■ 33.4019, 25.2688,
92.7404

■ 94.0991, 99.6196,
103.8925

■ 27.6112, 18.3878,
91.7175

■ 23.2539, 13.3108,
90.9672

■ 20.2032, 9.8673,
90.4633

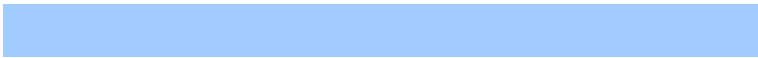
■ 18.3100, 7.8539,
90.1745

■ 17.4536, 7.0224,
90.0591

Harmonies

Analogous

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



54.4591, 58.1491, 102.0249



60.4334, 58.1491, 97.6613



65.3169, 58.1491, 83.5421

Triad

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



60.4334, 58.1491, 97.6613



61.9420, 58.1491, 39.8310



44.6066, 58.1491, 61.0120

Complementary

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



60.4334, 58.1491, 97.6613



81.0361, 90.9261, 64.9117

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.



46.3083, 58.1491, 46.6477



60.4334, 58.1491, 97.6613



56.0869, 58.1491, 35.8921

Square

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



60.4334, 58.1491, 97.6613



66.2309, 58.1491, 50.0193



50.4075, 58.1491, 38.1440



45.5886, 58.1491, 78.7786

Rectangle

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



60.4334, 58.1491, 97.6613



67.1487, 58.1491, 71.6357



50.4075, 58.1491, 38.1440



44.8802, 58.1491, 55.6640

Sweetspot

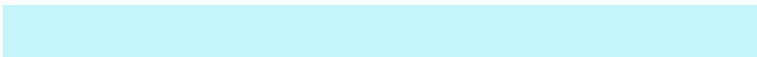
The Sweet Spot groups the original color and five complimentary colors.



60.4353, 58.1515, 97.6626



83.9075, 86.1916, 106.8220



72.1076, 83.4459, 101.9297



17.7642, 18.2067, 22.8279



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.



60.4353, 58.1515, 97.6626



58.6468, 55.0667, 102.1457



68.1370, 62.1219, 98.0230



16.4320, 16.7198, 21.7465



9.3924, 3.7846, 48.2090



0.9186, 0.3756, 4.4673

Inverse Universe

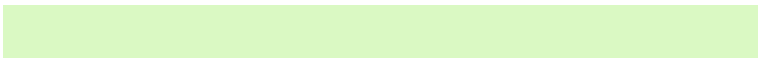
The Inverse Universe completely reimagines the original color for something new.



74.9130, 65.7039, 94.3240



76.4506, 64.3572, 97.9031



72.4919, 86.5214, 64.5118



17.9197, 17.4952, 21.4328



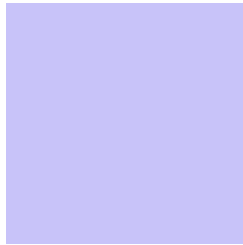
28.2848, 13.7296, 39.8036



2.6393, 1.2795, 3.7899

Previews

White Background



This preview shows how the XYZ color 60.4334, 58.1491, 97.6613 looks on a white background.

Color Contrast Check

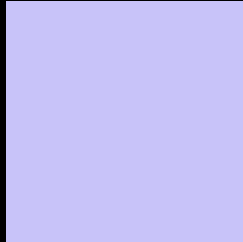
Large Text (above 18pt) WCAG AA × Fail

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 60.4334, 58.1491, 97.6613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

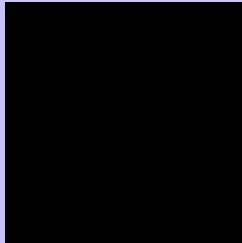
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4334, 58.1491, 97.6613

Background



This preview shows how black text looks on a background with the XYZ color 60.4334, 58.1491, 97.6613.



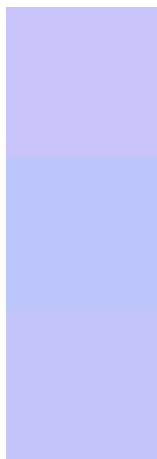
This preview shows how white text looks on a background with the XYZ color 60.4334, 58.1491,

97.6613.

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

60.4334, 58.1491, 97.6613

Protanopia

58.3457, 58.0446, 99.3954

Deuteranopia

59.3445, 57.9215, 97.6747



Tritanopia

55.6592, 58.2524, 73.9559

Trichromacy



Original Color

60.4334, 58.1491, 97.6613

Protanomaly

58.9598, 58.0411, 98.5380

Deuteranomaly

59.8648, 58.1897, 97.6991

Tritanomaly

57.3312, 58.2398, 82.3485

Monochromacy



Original Color

60.4334, 58.1491, 97.6613

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.9297, 59.0324, 76.0513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4334, 58.1491, 97.6613 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(200, 195, 249)` looks like.

```
.text, #text, p{  
    color:rgb(200, 195, 249)  
}
```

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(200, 195, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 195, 249) }
```

Border

The CSS property to change the border of an element to XYZ 60.4334, 58.1491, 97.6613 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(200, 195, 249) }
```


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

```
.border{ border-color:rgb(200, 195, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 195, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 195, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 195, 249);  
box-shadow:4px 4px 4px 4px rgb(200, 195,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4334, 58.1491, 97.6613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 195, 249) }
```

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

```
.background{ background-color: rgb(200,  
195, 249) }
```

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