

Converting Colors

XYZ(7.6495, 10.3538, 0.0000)

Have a look what the booklet for
XYZ(7.6495, 10.3538, 0.0000)
contains.

XYZ(7.9309, 10.4342, 1.5960)	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(7.9309, 10.4342,
1.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	546100
RGB	84, 97, 0
RGB Percent	33%, 38%, 0%
CMY	0.6706, 0.6196, 1.0000
CMYK	0.13, 0.00, 1.00, 0.62
HSL	68°, 100%, 19%
HSV	68°, 100%, 38%
XYZ	7.9309, 10.4342, 1.5960
YIQ	82.0550, 23.3890, -32.9230

Conversions

Conversions Part 2

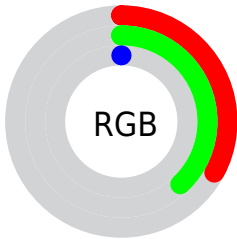
Format	Color
RYB	0, 97, 13
Decimal	5529856
CIELab	38.61, -16.90, 45.21
CIELCh	39, 48.266, 110.497
Yxy	10.4342, 0.3973, 0.5227
Android (android.graphics.Color)	4283719936 (0xFF546100)
YUV	82.0550, -40.4531, 1.7058
Hunter-Lab	32.3020, -12.7026, 19.6820

Details

The XYZ color **7.9309, 10.4342, 1.5960** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.3239, 0.9488, 11.3705**, and the grayscale version is **8.1068, 8.5290, 9.2881**.

A 20% lighter version of the original color is **21.6450, 26.7936, 7.9018**, and **1.8435, 2.7077, 0.4255** is the 20% darker color. If you saturate the color by 10%, you get **7.9311, 10.4346, 1.5961**, and if you desaturate by 10%, it is **8.1018, 10.5165, 1.8816**.

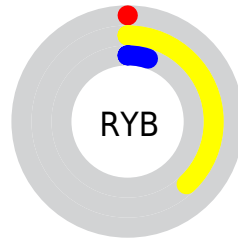
Distribution



Red (33%)

Green (38%)

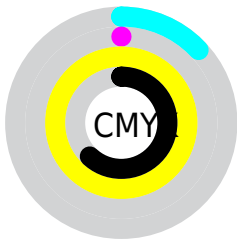
Blue (0%)



Red (0%)

Yellow (38%)

Blue (5%)

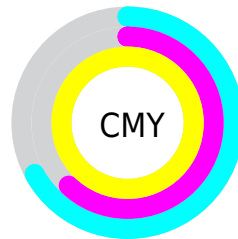


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (67%)


Magenta (62%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 7.9309, 10.4342, 1.5960 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 7.9309, 10.4342, 1.5960 by changing the saturation by 10% instead.


 7.9309, 10.4342,
1.5960


 7.9309, 10.4342,
1.5960


 169.5708,
193.7436, 115.7496


 4.1022, 5.6878,
0.2880

 21.5096, 26.6090,
7.9036


 1.7601, 2.6562,
0.0000


 31.9903, 38.8063,
13.8860

 0.4935, 0.9550,
0.0000

 45.4190, 54.2559,
22.3123


 0.0000, 0.0000,
0.0000


 62.1611, 73.3423,
33.6008


 82.5820, 96.4498,
48.1703


 107.0470,


123.9630, 66.4393


 135.9215,
156.2661, 88.8261


 7.9309, 10.4342,
1.5960


 7.9309, 10.4342,
1.5960


 7.9311, 10.4346,
1.5961

 8.1018, 10.5165,
1.8816

 8.2893, 10.6053,
2.2445

 8.5132, 10.7089,
2.7876

 8.7771, 10.8289,
3.5302

 9.0843, 10.9663,
4.4893

■ 9.4378, 11.1225,
5.6800

■ 9.8400, 11.2985,
7.1161

■ 10.2935, 11.4953,
8.8103

■ 10.8004, 11.7137,
10.7744

Harmonies

Analogous

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



10.9590, 10.4342, 1.3731



7.9309, 10.4342, 1.5960



5.9157, 10.4342, 3.4773

Triad

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



7.9309, 10.4342, 1.5960



6.5209, 10.4342, 30.8771



17.2330, 10.4342, 14.4964

Complementary

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



7.9309, 10.4342, 1.5960



2.3239, 0.9488, 11.3705

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.



15.4086, 10.4342, 26.4928



7.9309, 10.4342, 1.5960



8.9440, 10.4342, 38.7730

Square

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



7.9309, 10.4342, 1.5960



5.2303, 10.4342, 18.6429



12.2106, 10.4342, 36.8420



16.7995, 10.4342, 6.2756

Rectangle

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



7.9309, 10.4342, 1.5960



5.2067, 10.4342, 6.4695



12.2106, 10.4342, 36.8420



16.8510, 10.4342, 18.2490

Sweetspot

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



7.9311, 10.4347, 1.5962



16.8020, 19.3381, 11.9638



5.0732, 2.8278, 0.2786



4.1205, 4.7791, 2.7849



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



7.9311, 10.4347, 1.5962



13.5361, 17.8554, 2.7330



4.9876, 8.9172, 1.4585



2.7322, 2.9533, 2.7702



10.7631, 14.1827, 2.1703



56.9634, 75.4913, 11.5690

Inverse Universe

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



2.3239, 0.9488, 11.3705



3.9252, 1.5963, 19.4865



4.1093, 1.8692, 11.4541



2.4785, 2.5303, 3.2030



3.1334, 1.2762, 15.4689



16.2834, 6.5826, 82.6170

Previews

White Background



This preview shows how the XYZ color 7.9309, 10.4342, 1.5960 looks on a white background.

Color Contrast Check

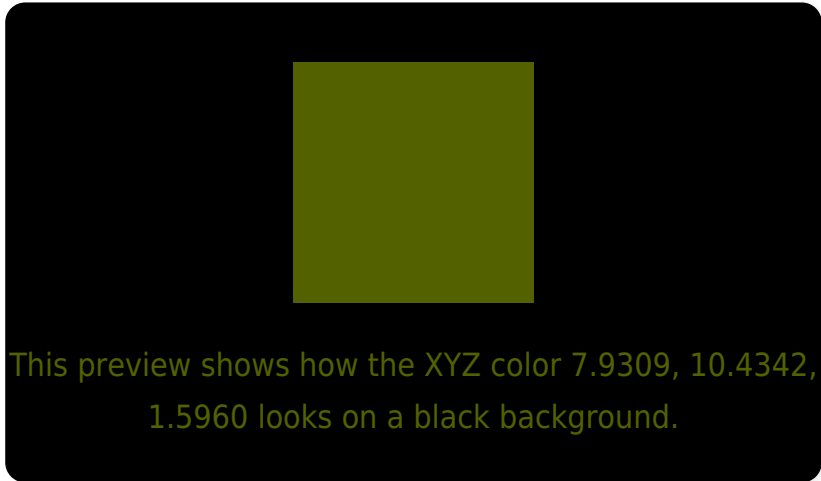
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 7.9309, 10.4342, 1.5960

Background



This preview shows how black text looks on a background with the XYZ color 7.9309, 10.4342, 1.5960.



This preview shows how white text looks on a background with the XYZ color 7.9309, 10.4342,

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

7.9309, 10.4342, 1.5960

Protanopia

9.3346, 10.3657, 1.5088

Deuteranopia

10.4992, 10.3409, 1.9729



Tritanopia

10.1282, 10.3995, 12.7828

Trichromacy



Original Color

7.9309, 10.4342, 1.5960

Protanomaly

8.7382, 10.3155, 1.5305

Deuteranomaly

9.4255, 10.2795, 1.8040

Tritanomaly

8.8084, 10.2512, 6.0719

Monochromacy



Original Color

7.9309, 10.4342, 1.5960

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

7.5953, 8.9033, 4.5670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.9309, 10.4342, 1.5960 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(84, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(84, 97, 0)  
}
```

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(84, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 97, 0) }
```

Border

The CSS property to change the border of an element to XYZ 7.9309, 10.4342, 1.5960 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(84, 97, 0) }
```


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

```
.border{ border-color:rgb(84, 97, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 97, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 97, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(84, 97, 0); box-shadow:4px  
4px 4px 4px rgb(84, 97, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 7.9309, 10.4342, 1.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 97, 0) }
```

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

```
.background{ background-color: rgb(84, 97,  
0) }
```

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