

Converting Colors

XYZ(7.7988, 10.9558, 1.8443)

Have a look what the booklet for
XYZ(7.7988, 10.9558, 1.8443)
contains.

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Color

**XYZ(7.7416, 10.8961,
1.8387)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6505
RGB	77, 101, 5
RGB Percent	30%, 40%, 2%
CMY	0.6980, 0.6039, 0.9804
CMYK	0.24, 0.00, 0.95, 0.60
HSL	75°, 91%, 21%
HSV	75°, 95%, 40%
XYZ	7.7416, 10.8961, 1.8387
YIQ	82.8800, 16.5120, -34.9440

Conversions

Conversions Part 2

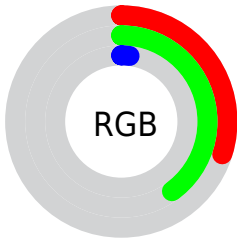
Format	Color
R_{YB}	5, 101, 29
Decimal	5072133
CIE Lab	39.40, -22.08, 44.21
CIE LCh	39, 49.420, 116.534
Yxy	10.8961, 0.3781, 0.5321
Android (android.graphics.Color)	4283262213 (0xFF4D6505)
YUV	82.8800, -38.3948, -5.1568
Hunter-Lab	33.0092, -15.9029, 19.8039

Details

The XYZ color **7.7416, 10.8961, 1.8387** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2.9103, 1.3096, 12.4120**, and the grayscale version is **8.2711, 8.7019, 9.4763**.

A 20% lighter version of the original color is **21.1238, 27.4605, 8.6019**, and **1.7712, 2.8713, 0.4609** is the 20% darker color. If you saturate the color by 10%, you get **7.6144, 10.8341, 1.6899**, and if you desaturate by 10%, it is **8.0092, 11.0275, 2.1623**.

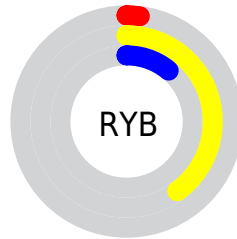
Distribution



Red (30%)

Green (40%)

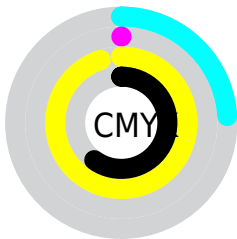
Blue (2%)



Red (2%)

Yellow (40%)

Blue (11%)

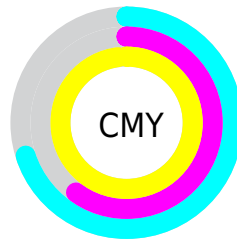


Cyan (24%)

Magenta (0%)

Yellow (95%)

Black (60%)



Cyan (70%)

Magenta (60%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.7416, 10.8961, 1.8387 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 7.7416, 10.8961, 1.8387 by changing the saturation by 10% instead.

7.7416, 10.8961,
1.8387

7.7416, 10.8961,
1.8387

168.1050,
196.9533, 119.8196

3.9805, 5.9970,
0.4533

21.1406, 27.4679,
8.5949

1.6911, 2.8433,
0.0000

31.5092, 39.9094,
14.8878

0.4507, 1.0505,
0.0000

44.8109, 55.6338,
23.6819

0.0000, 0.0000,
0.0000


61.4112, 75.0255,
35.3958


81.6754, 98.4689,
50.4479


105.9689,


126.3484, 69.2569


 134.6569,
159.0484, 92.2413


 7.7416, 10.8961,
1.8387


 7.7416, 10.8961,
1.8387


 7.6144, 10.8341,
1.6899

 8.0092, 11.0275,
2.1623

 8.3157, 11.1750,
2.6501

 8.6698, 11.3425,
3.3464

 9.0754, 11.5316,
4.2713

 9.5359, 11.7436,
5.4425

■ 10.0546, 11.9798,
6.8760

■ 10.6342, 12.2413,
8.5864

■ 11.2773, 12.5292,
10.5874

■ 11.9865, 12.8446,
12.8914

Harmonies

Analogous

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



10.7500, 10.8961, 1.3418



7.7416, 10.8961, 1.8387



5.8656, 10.8961, 4.3314

Triad

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



7.7416, 10.8961, 1.8387



7.2001, 10.8961, 34.8073



18.1909, 10.8961, 13.0125

Complementary

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



7.7416, 10.8961, 1.8387



2.9103, 1.3096, 12.4120

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.



16.6990, 10.8961, 25.1903



7.7416, 10.8961, 1.8387



9.9725, 10.8961, 41.3685

Square

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



7.7416, 10.8961, 1.8387



5.6035, 10.8961, 22.1371



13.5023, 10.8961, 37.1392



17.2393, 10.8961, 5.3930

Rectangle

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



7.7416, 10.8961, 1.8387



5.2777, 10.8961, 8.0718



13.5023, 10.8961, 37.1392



17.9518, 10.8961, 16.6894

Sweetspot

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



7.7418, 10.8966, 1.8389



17.7677, 20.7947, 13.2796



5.8340, 3.6568, 0.5421



4.2973, 5.0829, 3.0493



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



7.7418, 10.8966, 1.8389



12.9759, 18.5493, 2.8965



5.1882, 9.5801, 1.7194



2.9769, 3.2353, 3.0420



9.9453, 14.1857, 2.2139



51.0418, 73.5590, 11.5081

Inverse Universe

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



2.9103, 1.3096, 12.4120



4.6445, 1.9285, 21.2641



5.4642, 2.6262, 12.5315



2.7510, 2.7937, 3.5262



3.5782, 1.4888, 16.2431



17.9629, 7.4044, 84.6839

Previews

White Background



This preview shows how the XYZ color 7.7416, 10.8961, 1.8387 looks on a white background.

Color Contrast Check

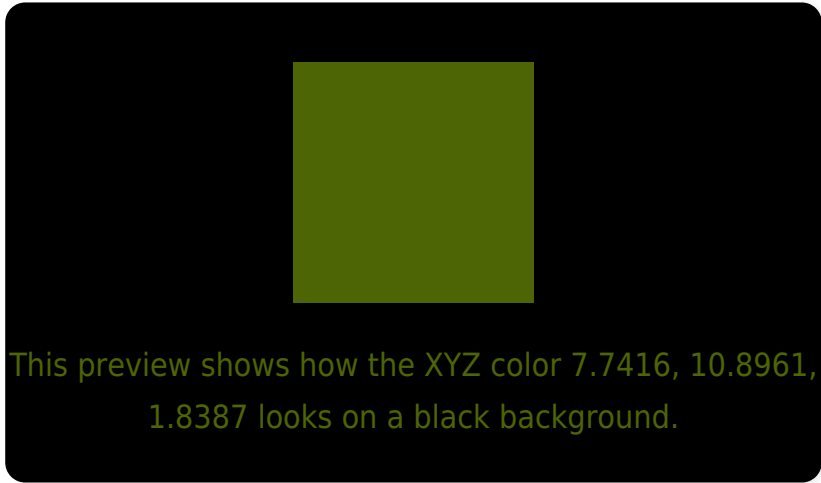
Large Text (above 18pt) WCAG AA ✓ Pass

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

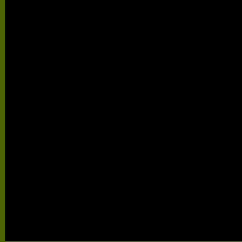
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 7.7416, 10.8961, 1.8387

Background



This preview shows how black text looks on a background with the XYZ color 7.7416, 10.8961, 1.8387.



This preview shows how white text looks on a background with the XYZ color 7.7416, 10.8961,

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

7.7416, 10.8961, 1.8387

Protanopia

9.7400, 10.8320, 1.5774

Deuteranopia

10.9434, 10.8084, 2.1255



Tritanopia

10.1894, 10.9234, 13.8833

Trichromacy



Original Color

7.7416, 10.8961, 1.8387

Protanomaly

8.9131, 10.8030, 1.6729

Deuteranomaly

9.4731, 10.6852, 1.9786

Tritanomaly

8.8253, 10.7817, 6.7702

Monochromacy



Original Color

7.7416, 10.8961, 1.8387

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

7.7391, 9.3375, 5.0089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.7416, 10.8961, 1.8387 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(77, 101, 5)` looks like.

```
.text, #text, p{  
    color:rgb(77, 101, 5)  
}
```

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(77, 101, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 101, 5) }
```

Border

The CSS property to change the border of an element to XYZ 7.7416, 10.8961, 1.8387 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(77, 101, 5) }
```


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

```
.border{ border-color:rgb(77, 101, 5) }
```

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

Here you see how a box with a 4 pixel rgb(77, 101, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 101, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 101, 5);  
box-shadow:4px 4px 4px 4px rgb(77, 101, 5)  
}
```

Background

The CSS property to change the background color of an element to XYZ 7.7416, 10.8961, 1.8387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 101, 5) }
```

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

```
.background{ background-color: rgb(77, 101,  
5) }
```

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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