

Converting Colors

XYZ(8.4137, 10.8088, 7.2994)

Have a look what the booklet for
XYZ(8.4137, 10.8088, 7.2994)
contains.

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Color

**XYZ(8.4377, 10.8492,
7.2796)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 4B6345 |
| RGB | 75, 99, 69 |
| RGB Percent | 29%, 39%, 27% |
| CMY | 0.7059, 0.6118, 0.7294 |
| CMYK | 0.24, 0.00, 0.30, 0.61 |
| HSL | 108°, 18%, 33% |
| HSV | 108°, 30%, 39% |
| XYZ | 8.4377, 10.8492, 7.2796 |
| YIQ | 88.4040, -4.6740, -14.4180 |

Conversions

Conversions Part 2

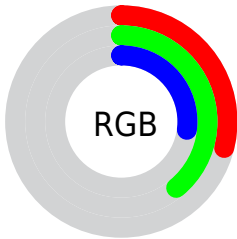
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 69, 99, 93 |
| Decimal | 4940613 |
| CIELab | 39.33, -15.42, 14.22 |
| CIELCh | 39, 20.975, 137.334 |
| Yxy | 10.8492, 0.3176, 0.4084 |
| Android (android.graphics.Color) | 4283130693 (0xFF4B6345) |
| YUV | 88.4040, -9.5662, -11.7553 |
| Hunter-Lab | 32.9381, -11.9157, 9.9531 |

Details

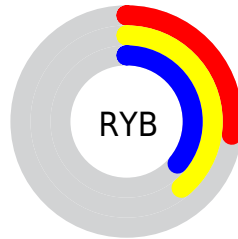
The XYZ color **8.4377, 10.8492, 7.2796** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.8948, 7.4845, 12.7808**, and the grayscale version is **9.3855, 9.8743, 10.7531**.

A 20% lighter version of the original color is **22.4294, 27.3821, 20.9327**, and **1.9389, 2.8022, 1.3584** is the 20% darker color. If you saturate the color by 10%, you get **7.5744, 10.4370, 5.7667**, and if you desaturate by 10%, it is **9.4301, 11.3226, 9.0667**.

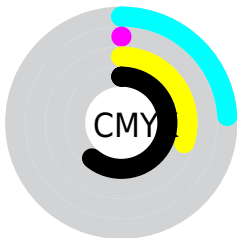
Distribution



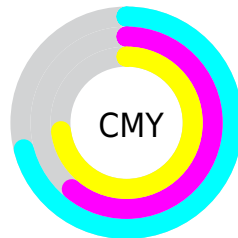
- Red (29%)
- Green (39%)
- Blue (27%)



- Red (27%)
- Yellow (39%)
- Blue (36%)



- Cyan (24%)
- Magenta (0%)
- Yellow (30%)
- Black (61%)



- Cyan (71%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.4377, 10.8492, 7.2796 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 8.4377, 10.8492, 7.2796 by changing the saturation by 10% instead.

8.4377, 10.8492,
7.2796

8.4377, 10.8492,
7.2796

173.4234,
196.6300, 179.6853

4.4304, 5.9655,
3.5565

22.4894, 27.3810,
21.0559

1.9484, 2.8241,
1.3853

33.2646, 39.7979,
31.9462

0.6047, 1.0406,
0.1302

47.0265, 55.4946,
46.0625

0.0000, 0.0000,
0.0000

64.1404, 74.8556,
63.8236

84.9716, 98.2653,
85.6479

109.8857,

126.1079, 111.9539

139.2478,
158.7681, 143.1602

■ 8.4377, 10.8492,
7.2796

■ 8.4377, 10.8492,
7.2796

■ 7.5744, 10.4370,
5.7667

■ 9.4301, 11.3226,
9.0667

■ 6.8338, 10.0823,
4.5139

■ 10.5557, 11.8581,
11.1400

■ 6.2106, 9.7826,
3.5065


■ 11.8195, 12.4585,
13.5115


■ 5.6985, 9.5353,
2.7287


■ 13.2262, 13.1258,
16.1923


■ 5.2907, 9.3372,
2.1621


■ 14.7800, 13.8620,
19.1930


 4.9794, 9.1847,
1.7861

 16.4851, 14.6690,
22.5237

 4.7465, 9.0707,
1.5007

 18.3454, 15.5487,
26.1940

 20.3647, 16.5029,
30.2132

 22.5469, 17.5332,
34.5901

Harmonies

Analogous

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



9.5222, 10.8492, 5.8264



8.4377, 10.8492, 7.2796



7.8784, 10.8492, 10.1853

Triad

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



8.4377, 10.8492, 7.2796



9.7266, 10.8492, 21.1637



13.1334, 10.8492, 9.6400

Complementary

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



8.4377, 10.8492, 7.2796



8.8948, 7.4845, 12.7808

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.



13.2009, 10.8492, 13.6054



8.4377, 10.8492, 7.2796



11.1439, 10.8492, 20.9223

Square

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



8.4377, 10.8492, 7.2796



8.5755, 10.8492, 18.5193



12.4448, 10.8492, 17.9204



12.2680, 10.8492, 6.9595

Rectangle

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



8.4377, 10.8492, 7.2796



7.8417, 10.8492, 12.8358



12.4448, 10.8492, 17.9204



13.2528, 10.8492, 10.8459

Sweetspot

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



8.4380, 10.8497, 7.2798



18.3227, 20.4438, 19.5110



10.1345, 10.9115, 7.2024



4.3044, 4.8352, 4.5431



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.



8.4380, 10.8497, 7.2798



13.4546, 18.1243, 10.6923



8.2915, 10.7394, 8.8439



2.5862, 2.8781, 2.7633



6.1569, 11.8081, 1.9547



32.2879, 62.7706, 10.4142

Inverse Universe

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



8.8948, 7.4845, 12.7808



14.3654, 11.3938, 21.6920



9.1195, 7.6473, 10.6687



2.6235, 2.6050, 3.2098



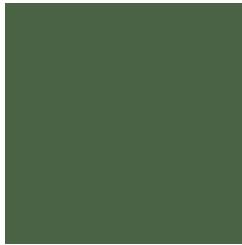
7.1290, 3.3360, 15.6559



37.3613, 17.4487, 83.6034

Previews

White Background



This preview shows how the XYZ color 8.4377, 10.8492, 7.2796 looks on a white background.

Color Contrast Check

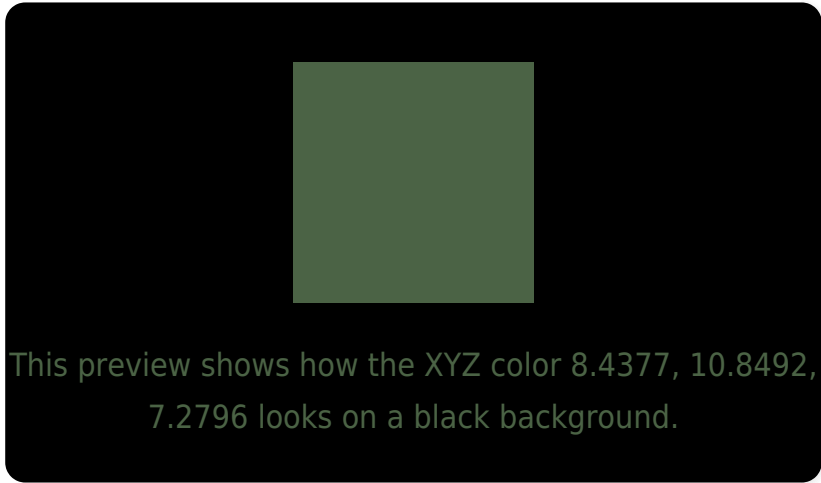
Large Text (above 18pt) WCAG AA ✓ Pass

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

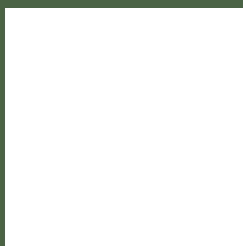
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 8.4377, 10.8492, 7.2796

Background



This preview shows how black text looks on a background with the XYZ color 8.4377, 10.8492, 7.2796.



This preview shows how white text looks on a background with the XYZ color 8.4377, 10.8492, 7.2796.

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

8.4377, 10.8492, 7.2796

Protanopia

9.9561, 10.7003, 6.6949

Deuteranopia

10.8941, 10.7878, 7.4693



Tritanopia

9.8838, 10.8931, 14.1520

Trichromacy



Original Color

8.4377, 10.8492, 7.2796

Protanomaly

9.3218, 10.7633, 6.8964

Deuteranomaly

9.8437, 10.7577, 7.3520

Tritanomaly

9.2528, 10.7662, 11.2633

Monochromacy



Original Color

8.4377, 10.8492, 7.2796

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

8.8796, 10.0874, 9.2636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.4377, 10.8492, 7.2796 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(75, 99, 69)` looks like.

```
.text, #text, p{  
    color:rgb(75, 99, 69)  
}
```

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(75, 99, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 99, 69) }
```

Border

The CSS property to change the border of an element to XYZ 8.4377, 10.8492, 7.2796 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(75, 99, 69) }
```


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

```
.border{ border-color:rgb(75, 99, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 99, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 99, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 99, 69);  
box-shadow:4px 4px 4px 4px rgb(75, 99, 69)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.4377, 10.8492, 7.2796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 99, 69) }
```

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

```
.background{ background-color: rgb(75, 99,  
69) }
```

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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