

Converting Colors

XYZ(10.0581, 12.8506, 8.9929)

Have a look what the booklet for
XYZ(10.0581, 12.8506, 8.9929)
contains.

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Color

**XYZ(10.0769, 12.8451,
8.9694)**

Conversions

Conversions Part 1

Format	Color
Hex	526B4D
RGB	82, 107, 77
RGB Percent	32%, 42%, 30%
CMY	0.6784, 0.5804, 0.6980
CMYK	0.23, 0.00, 0.28, 0.58
HSL	110°, 16%, 36%
HSV	110°, 28%, 42%
XYZ	10.0769, 12.8451, 8.9694
YIQ	96.1050, -5.2700, -14.6300

Conversions

Conversions Part 2

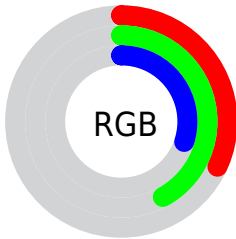
Format	Color
RYB	77, 107, 102
Decimal	5401421
CIELab	42.53, -15.63, 13.89
CIELCh	43, 20.912, 138.381
Yxy	12.8451, 0.3160, 0.4028
Android (android.graphics.Color)	4283591501 (0xFF526B4D)
YUV	96.1050, -9.4188, -12.3701
Hunter-Lab	35.8401, -12.5325, 10.2500

Details

The XYZ color **10.0769, 12.8451, 8.9694** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.7879, 9.1945, 15.1168**, and the grayscale version is **11.1670, 11.7486, 12.7942**.

A 20% lighter version of the original color is **25.5085, 30.8656, 24.3519**, and **2.6179, 3.7166, 2.0182** is the 20% darker color. If you saturate the color by 10%, you get **9.0041, 12.3326, 7.1067**, and if you desaturate by 10%, it is **11.3133, 13.4356, 11.1648**.

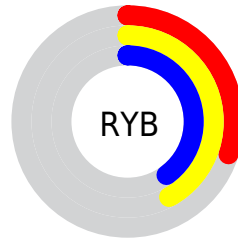
Distribution



Red (32%)

Green (42%)

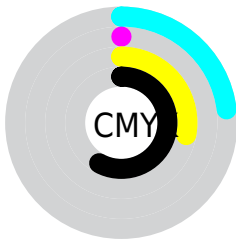
Blue (30%)



Red (30%)

Yellow (42%)

Blue (40%)

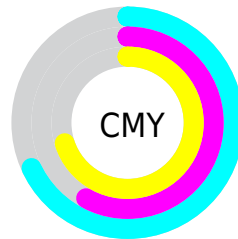


Cyan (23%)

Magenta (0%)

Yellow (28%)

Black (58%)



Cyan (68%)

Magenta (58%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0769, 12.8451, 8.9694 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 10.0769, 12.8451, 8.9694 by changing the saturation by 10% instead.

■ 10.0769, 12.8451,
8.9694

■ 10.0769, 12.8451,
8.9694

185.2622,
209.9225, 193.3591

■ 5.5126, 7.3220,
4.6247

■ 25.5884, 31.0252,
24.4149

■ 2.5889, 3.6643,
1.9739

■ 37.2664, 44.4510,
36.3527

■ 0.9403, 1.4876,
0.5392

■ 52.0462, 61.2798,
51.6586

■ 0.0000, 0.2800,
0.0000

■ 70.2934, 81.8960,
70.7513

■ 0.0000, 0.0000,
0.0000

■ 92.3733, 106.6839,
94.0491

118.6511,

136.0281, 121.9706

149.4923,
170.3128, 154.9345

■ 10.0769, 12.8451,
8.9694

■ 10.0769, 12.8451,
8.9694

■ 9.0041, 12.3326,
7.1067

■ 11.3133, 13.4356,
11.1648

■ 8.0872, 11.8931,
5.5597

■ 12.7189, 14.1053,
13.7072

■ 7.3189, 11.5239,
4.3111

■ 14.3000, 14.8578,
16.6109

■ 6.6913, 11.2212,
3.3418

■ 16.0626, 15.6957,
19.8894

■ 6.1955, 10.9809,
2.6301

■ 18.0121, 16.6216,
23.5553

■ 5.8219, 10.7984,
2.1515

■ 20.1538, 17.6379,
27.6207

■ 5.5495, 10.6649,
1.8263

■ 22.4930, 18.7472,
32.0972

■ 5.5043, 10.6429,
1.7642

■ 25.0343, 19.9515,
36.9958

■ 27.7827, 21.2532,
42.3273

Harmonies

Analogous

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



11.2763, 12.8451, 7.2509



10.0769, 12.8451, 8.9694



9.4699, 12.8451, 12.3069

Triad

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



10.0769, 12.8451, 8.9694



11.6075, 12.8451, 24.3490



15.3227, 12.8451, 11.4195

Complementary

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



10.0769, 12.8451, 8.9694



10.7879, 9.1945, 15.1168

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.



15.4308, 12.8451, 15.8115



10.0769, 12.8451, 8.9694



13.1915, 12.8451, 23.9669

Square

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



10.0769, 12.8451, 8.9694



10.3013, 12.8451, 21.5455



14.6222, 12.8451, 20.5926



14.3385, 12.8451, 8.4408

Rectangle

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



10.0769, 12.8451, 8.9694



9.4448, 12.8451, 15.2921



14.6222, 12.8451, 20.5926



15.4656, 12.8451, 12.7567

Sweetspot

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



10.0772, 12.8456, 8.9697



22.7236, 25.2324, 24.4520



12.1550, 13.1651, 8.9218



5.4215, 6.0699, 5.7752



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.0772, 12.8456, 8.9697



16.6834, 22.3504, 13.6900



10.0390, 12.7820, 10.9552



3.1067, 3.4668, 3.3229



6.6756, 12.9366, 2.1452



33.4979, 65.6509, 10.9064

Inverse Universe

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



10.7879, 9.1945, 15.1168



18.1918, 14.5835, 26.7638



10.8755, 9.2970, 12.5311



3.1705, 3.1397, 3.8738



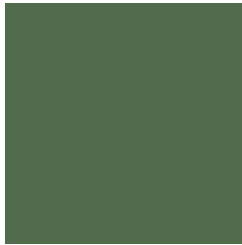
8.2393, 3.8745, 17.2359



41.3561, 19.4194, 87.7948

Previews

White Background



This preview shows how the XYZ color 10.0769, 12.8451, 8.9694 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



This preview shows how the XYZ color 10.0769, 12.8451, 8.9694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

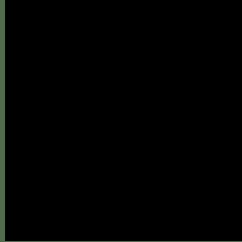
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.0769, 12.8451, 8.9694

Background



This preview shows how black text looks on a background with the XYZ color 10.0769, 12.8451, 8.9694.



This preview shows how white text looks on a background with the XYZ color 10.0769, 12.8451,

8.9694.

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

10.0769, 12.8451, 8.9694

Protanopia

11.8566, 12.7346, 8.3117

Deuteranopia

12.9303, 12.7122, 9.1693



Tritanopia

11.7440, 12.9229, 16.9143

Trichromacy



Original Color

10.0769, 12.8451, 8.9694

Protanomaly

11.1573, 12.8052, 8.5402

Deuteranomaly

11.6412, 12.6075, 9.0277

Tritanomaly

11.0402, 12.7799, 13.6893

Monochromacy



Original Color

10.0769, 12.8451, 8.9694

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.6747, 12.0598, 11.2163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0769, 12.8451, 8.9694 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(82, 107, 77)` looks like.

```
.text, #text, p{  
    color:rgb(82, 107, 77)  
}
```

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(82, 107, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 107, 77) }
```

Border

The CSS property to change the border of an element to XYZ 10.0769, 12.8451, 8.9694 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(82, 107, 77) }
```


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

```
.border{ border-color:rgb(82, 107, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 107, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 107, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 107, 77);  
box-shadow:4px 4px 4px 4px rgb(82, 107,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0769, 12.8451, 8.9694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 107, 77) }
```

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

```
.background{ background-color: rgb(82, 107,  
77) }
```

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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