

Converting Colors

XYZ(10.6471, 12.6405, 9.3523)

Have a look what the booklet for
XYZ(10.6471, 12.6405, 9.3523)
contains.

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Color

**XYZ(10.6760, 12.6893,
9.2837)**

Conversions

Conversions Part 1

Format	Color
Hex	5B684F
RGB	91, 104, 79
RGB Percent	36%, 41%, 31%
CMY	0.6431, 0.5921, 0.6902
CMYK	0.13, 0.00, 0.24, 0.59
HSL	91°, 14%, 36%
HSV	91°, 24%, 41%
XYZ	10.6760, 12.6893, 9.2837
YIQ	97.2630, 0.2770, -10.5310

Conversions

Conversions Part 2

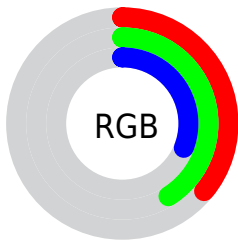
Format	Color
RYB	79, 104, 92
Decimal	5990479
CIELab	42.29, -10.01, 12.48
CIElCh	42, 15.994, 128.743
Yxy	12.6893, 0.3270, 0.3887
Android (android.graphics.Color)	4284180559 (0xFF5B684F)
YUV	97.2630, -9.0037, -5.4927
Hunter-Lab	35.6220, -8.8418, 9.4835

Details

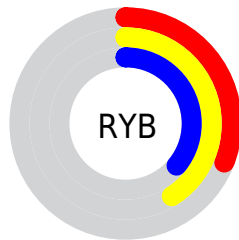
The XYZ color **10.6760, 12.6893, 9.2837** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.7088, 8.8671, 14.2972**, and the grayscale version is **11.4487, 12.0450, 13.1170**.

A 20% lighter version of the original color is **26.6021, 30.6639, 24.9387**, and **2.8340, 3.5996, 2.0588** is the 20% darker color. If you saturate the color by 10%, you get **9.8127, 12.2850, 7.4195**, and if you desaturate by 10%, it is **11.6377, 13.1382, 11.4623**.

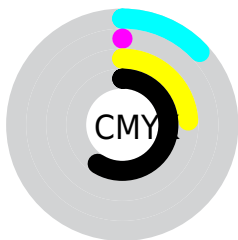
Distribution



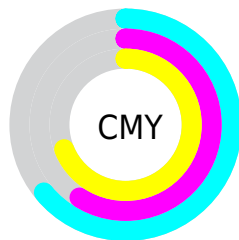
- Red (36%)
- Green (41%)
- Blue (31%)



- Red (31%)
- Yellow (41%)
- Blue (36%)



- Cyan (13%)
- Magenta (0%)
- Yellow (24%)
- Black (59%)



- Cyan (64%)
- Magenta (59%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6760, 12.6893, 9.2837 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 10.6760, 12.6893, 9.2837 by changing the saturation by 10% instead.

■ 10.6760, 12.6893,
9.2837

■ 10.6760, 12.6893,
9.2837

189.3856,
208.9167, 195.7757

■ 5.9151, 7.2149,
4.8274

■ 26.6978, 30.7445,
25.0256

■ 2.8337, 3.5969,
2.0894

■ 38.6893, 44.0941,
37.1482

■ 1.0664, 1.4507,
0.6094

■ 53.8218, 60.8375,
52.6634

■ 0.0000, 0.2537,
0.0000

■ 72.4606, 81.3593,
71.9896

■ 0.0000, 0.0000,
0.0000

■ 94.9710, 106.0436,
95.5454

121.7184,

135.2751, 123.7493

153.0681,
169.4380, 157.0199

■ 10.6760, 12.6893,
9.2837

■ 10.6760, 12.6893,
9.2837

■ 9.8127, 12.2850,
7.4195

■ 11.6377, 13.1382,
11.4623

■ 9.0432, 11.9222,
5.8543

■ 12.7001, 13.6315,
13.9680

■ 8.3640, 11.5997,
4.5729

■ 13.8667, 14.1712,
16.8139

■ 7.7711, 11.3159,
3.5580

■ 15.1406, 14.7584,
20.0121

■ 7.2600, 11.0689,
2.7907

■ 16.5246, 15.3945,
23.5740

■ 6.8257, 10.8565,
2.2498

■ 18.0215, 16.0806,
27.5106

■ 6.4601, 10.6754,
1.8981

■ 19.6340, 16.8179,
31.8324

■ 6.2619, 10.5771,
1.7116

■ 21.3647, 17.6075,
36.5496

■ 23.2160, 18.4504,
41.6718

Harmonies

Analogous

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



11.7141, 12.6893, 8.2684



10.6760, 12.6893, 9.2837



10.0390, 12.6893, 11.5602

Triad

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



10.6760, 12.6893, 9.2837



11.2449, 12.6893, 20.9210



14.4836, 12.6893, 12.8379

Complementary

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



10.6760, 12.6893, 9.2837



9.7088, 8.8671, 14.2972

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.



14.3373, 12.6893, 16.3487



10.6760, 12.6893, 9.2837



12.4143, 12.6893, 21.4156

Square

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



10.6760, 12.6893, 9.2837



10.3520, 12.6893, 18.3695



13.5605, 12.6893, 19.6265



13.9480, 12.6893, 10.0858

Rectangle

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



10.6760, 12.6893, 9.2837



9.9015, 12.6893, 13.6723



13.5605, 12.6893, 19.6265



14.5132, 12.6893, 13.9617

Sweetspot

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



10.6763, 12.6899, 9.2840



21.6721, 23.6322, 23.0530



10.9406, 11.1479, 8.9724



5.2715, 5.7583, 5.5865



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



10.6763, 12.6899, 9.2840



17.8340, 21.8427, 14.3319



9.6016, 12.1341, 9.3131



2.9104, 3.2010, 3.0389



7.6819, 13.0189, 2.1080



39.0650, 67.3847, 10.9476

Inverse Universe

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



9.7088, 8.8671, 14.2972



15.8102, 13.8476, 24.8166



10.9830, 9.5264, 14.2466



2.8158, 2.8271, 3.5292



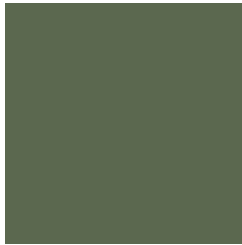
4.9240, 2.1826, 16.3061



24.6658, 10.8599, 84.9975

Previews

White Background



This preview shows how the XYZ color 10.6760, 12.6893, 9.2837 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 10.6760, 12.6893, 9.2837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

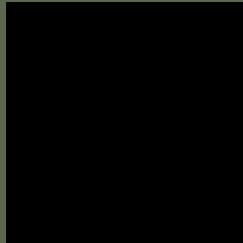
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.6760, 12.6893, 9.2837

Background



This preview shows how black text looks on a background with the XYZ color 10.6760, 12.6893, 9.2837.



This preview shows how white text looks on a background with the XYZ color 10.6760, 12.6893,

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

10.6760, 12.6893, 9.2837

Protanopia

11.8406, 12.7143, 8.8512

Deuteranopia

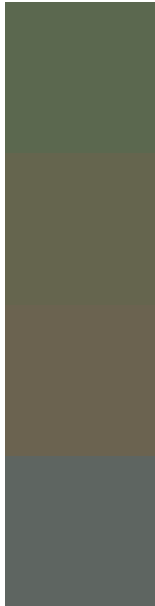
12.8705, 12.6728, 9.5523



Tritanopia

11.9833, 12.6299, 15.9936

Trichromacy



Original Color

10.6760, 12.6893, 9.2837

Protanomaly

11.3957, 12.6241, 9.0438

Deuteranomaly

11.9732, 12.6287, 9.3959

Tritanomaly

11.4274, 12.5501, 13.1294

Monochromacy



Original Color

10.6760, 12.6893, 9.2837

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.1219, 12.2854, 11.4580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6760, 12.6893, 9.2837 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(91, 104, 79) looks like.

```
.text, #text, p{  
    color:rgb(91, 104, 79)  
}
```

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(91, 104, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 104, 79) }
```

Border

The CSS property to change the border of an element to XYZ 10.6760, 12.6893, 9.2837 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(91, 104, 79) }
```


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

```
.border{ border-color:rgb(91, 104, 79) }
```

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

Here you see how a box with a 4 pixel rgb(91, 104, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 104, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 104, 79);  
box-shadow:4px 4px 4px 4px rgb(91, 104,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6760, 12.6893, 9.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 104, 79) }
```

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

```
.background{ background-color: rgb(91, 104,  
79) }
```

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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