

Converting Colors

XYZ(10.7299, 8.7129, 11.8581)

Have a look what the booklet for
XYZ(10.7299, 8.7129, 11.8581)
contains.

XYZ(10.8133, 8.7759, 11.9505)	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(10.8133, 8.7759,
11.9505)**

Conversions

Conversions Part 1

Format	Color
Hex	6E485F
RGB	110, 72, 95
RGB Percent	43%, 28%, 37%
CMY	0.5686, 0.7176, 0.6274
CMYK	0.00, 0.35, 0.14, 0.57
HSL	324°, 21%, 36%
HSV	324°, 35%, 43%
XYZ	10.8133, 8.7759, 11.9505
YIQ	85.9840, 15.2650, 15.2090

Conversions

Conversions Part 2

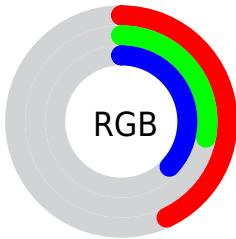
Format	Color
R_{YB}	110, 72, 95
Decimal	7227487
CIE Lab	35.55, 20.08, -6.88
CIE LCh	36, 21.227, 341.089
Yxy	8.7759, 0.3428, 0.2782
Android (android.graphics.Color)	4285417567 (0xFF6E485F)
YUV	85.9840, 4.4449, 21.0620
Hunter-Lab	29.6241, 13.3132, -3.1809

Details

The XYZ color **10.8133, 8.7759, 11.9505** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **9.9690, 13.2179, 11.0432**, and the grayscale version is **8.8307, 9.2906, 10.1175**.

A 20% lighter version of the original color is **26.8485, 23.4005, 29.8897**, and **2.8708, 1.9977, 3.1400** is the 20% darker color. If you saturate the color by 10%, you get **9.9729, 7.4022, 10.7236**, and if you desaturate by 10%, it is **11.7925, 10.4093, 13.2782**.

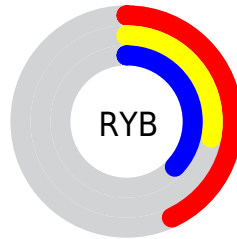
Distribution



Red (43%)

Green (28%)

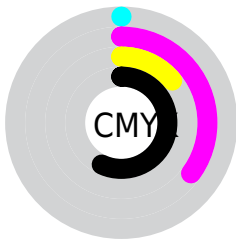
Blue (37%)



Red (43%)

Yellow (28%)

Blue (37%)

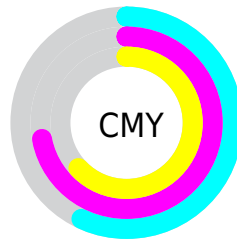


Cyan (0%)

Magenta (35%)

Yellow (14%)

Black (57%)



Cyan (57%)

Magenta (72%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8133, 8.7759, 11.9505 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 10.8133, 8.7759, 11.9505 by changing the saturation by 10% instead.

■ 10.8133, 8.7759,
11.9505

■ 10.8133, 8.7759,
11.9505

190.3170,
181.6972, 215.0436

■ 6.0078, 4.5953,
6.5878

■ 26.9504, 23.4661,
30.0680

■ 2.8905, 2.0118,
3.1312

■ 39.0128, 34.7444,
43.6599

■ 1.0961, 0.6143,
1.1620

■ 54.2248, 49.1575,
60.8319

■ 0.0219, 0.0000,
0.0000

■ 72.9518, 67.0896,
82.0027

■ 0.0000, 0.0000,
0.0000

■ 95.5591, 88.9253,
107.5907

122.4122,

115.0488, 138.0145

153.8764,
145.8447, 173.6926

■ 10.8133, 8.7759,
11.9505

■ 10.8133, 8.7759,
11.9505

■ 9.9729, 7.4022,
10.7236

■ 11.7925, 10.4093,
13.2782

■ 9.2636, 6.2734,
9.5937

■ 12.9161, 12.3140,
14.7091

■ 8.6780, 5.3750,
8.5575


■ 14.1905, 14.5020,
16.2463


■ 8.2077, 4.6904,
7.6114


■ 15.6214, 16.9845,
17.8924


■ 7.8431, 4.2009,
6.7512


■ 17.2141, 19.7720,
19.6501


 7.5681, 3.8743,
5.9705

 18.9738, 22.8745,
21.5218

 7.4309, 3.7152,
5.5694

 20.9054, 26.3016,
23.5100

 23.0135, 30.0623,
25.6170

 25.3026, 34.1654,
27.8449

Harmonies

Analogous

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



10.0131, 8.7759, 15.7000



10.8133, 8.7759, 11.9505



10.9139, 8.7759, 8.2982

Triad

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



10.8133, 8.7759, 11.9505



7.8898, 8.7759, 4.2885



6.6661, 8.7759, 14.7984

Complementary

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



10.8133, 8.7759, 11.9505



9.9690, 13.2179, 11.0432

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.



6.2084, 8.7759, 10.9337



10.8133, 8.7759, 11.9505



6.8667, 8.7759, 5.2685

Square

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



10.8133, 8.7759, 11.9505



9.1402, 8.7759, 4.4318



6.2779, 8.7759, 7.5039



7.5902, 8.7759, 17.6059

Rectangle

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



10.8133, 8.7759, 11.9505



10.5605, 8.7759, 6.4382



6.2779, 8.7759, 7.5039



6.4570, 8.7759, 13.5447

Sweetspot

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



10.8136, 8.7763, 11.9507



23.6073, 23.2070, 26.9634



9.0223, 7.7664, 15.7755



5.4401, 5.3088, 6.2097



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.



10.8136, 8.7763, 11.9507



17.8543, 13.5501, 19.3446



10.0677, 8.4779, 8.0229



3.4613, 3.4322, 3.9560



8.9123, 4.4573, 6.6141



43.9629, 22.0305, 30.6664

Inverse Universe

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



10.8136, 8.7763, 11.9507



17.8543, 13.5501, 19.3446



10.8277, 13.5614, 15.5649



3.4613, 3.4322, 3.9560



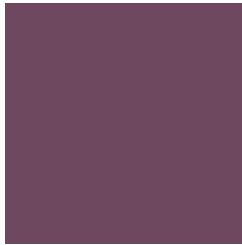
8.9123, 4.4573, 6.6141



43.9629, 22.0305, 30.6664

Previews

White Background



This preview shows how the XYZ color 10.8133, 8.7759, 11.9505 looks on a white background.

Color Contrast Check

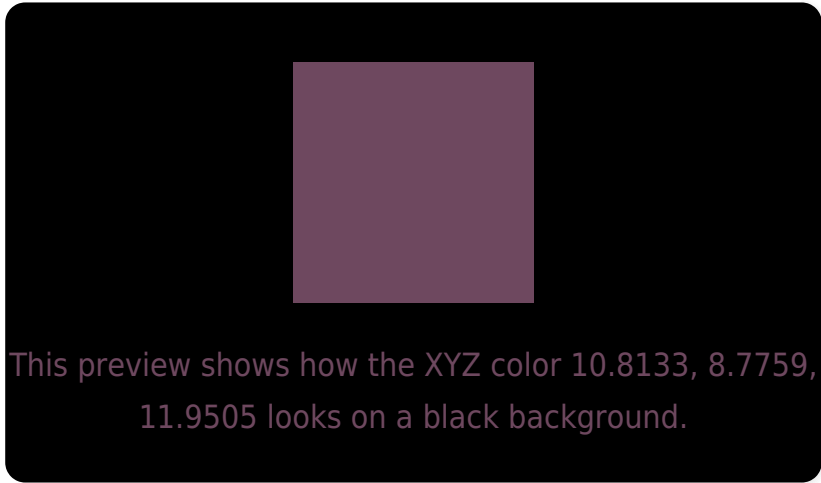
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 10.8133, 8.7759, 11.9505

Background



This preview shows how black text looks on a background with the XYZ color 10.8133, 8.7759, 11.9505.



This preview shows how white text looks on a background with the XYZ color 10.8133, 8.7759,

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

10.8133, 8.7759, 11.9505

Protanopia

8.7998, 8.8513, 13.8150

Deuteranopia

9.0176, 8.8996, 11.5984



Tritanopia

10.1484, 8.7995, 8.7530

Trichromacy



Original Color

10.8133, 8.7759, 11.9505

Protanomaly

9.3625, 8.7170, 12.9935

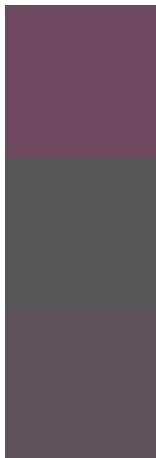
Deuteranomaly

9.5686, 8.7437, 11.7731

Tritanomaly

10.3951, 8.8046, 9.7459

Monochromacy



Original Color

10.8133, 8.7759, 11.9505

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.4649, 9.0390, 10.6970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8133, 8.7759, 11.9505 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(110, 72, 95)` looks like.

```
.text, #text, p{  
    color:rgb(110, 72, 95)  
}
```

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(110, 72, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 72, 95) }
```

Border

The CSS property to change the border of an element to XYZ 10.8133, 8.7759, 11.9505 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(110, 72, 95) }
```


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

```
.border{ border-color:rgb(110, 72, 95) }
```

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

Here you see how a box with a 4 pixel rgb(110, 72, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 72, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 72, 95);  
box-shadow:4px 4px 4px 4px rgb(110, 72,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8133, 8.7759, 11.9505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 72, 95) }
```

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

```
.background{ background-color: rgb(110, 72,  
95) }
```

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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