

Converting Colors

XYZ(13.8676, 11.3463, 12.2214)

Have a look what the booklet for
XYZ(13.8676, 11.3463, 12.2214)
contains.

XYZ(13.9849, 11.4500, 12.2995)	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(13.9849, 11.4500,
12.2995)**

Conversions

Conversions Part 1

Format	Color
Hex	80525F
RGB	128, 82, 95
RGB Percent	50%, 32%, 37%
CMY	0.4980, 0.6784, 0.6274
CMYK	0.00, 0.36, 0.26, 0.50
HSL	343°, 22%, 41%
HSV	343°, 36%, 50%
XYZ	13.9849, 11.4500, 12.2995
YIQ	97.2360, 23.2430, 13.7950

Conversions

Conversions Part 2

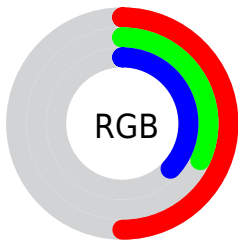
Format	Color
R_{YB}	128, 82, 95
Decimal	8409695
CIE _{Lab}	40.33, 21.17, 0.44
CIE _{LCh}	40, 21.174, 1.183
Yxy	11.4500, 0.3706, 0.3034
Android (android.graphics.Color)	4286599775 (0xFF80525F)
YUV	97.2360, -1.1023, 26.9800
Hunter-Lab	33.8378, 14.5563, 2.1356

Details

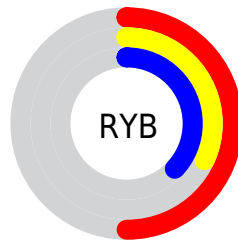
The XYZ color **13.9849, 11.4500, 12.2995** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.2938, 18.4702, 19.0322**, and the grayscale version is **11.4192, 12.0139, 13.0832**.

A 20% lighter version of the original color is **32.6535, 28.4919, 30.5665**, and **4.2458, 3.0613, 3.2728** is the 20% darker color. If you saturate the color by 10%, you get **12.7151, 9.5395, 9.9368**, and if you desaturate by 10%, it is **15.4846, 13.7415, 14.9820**.

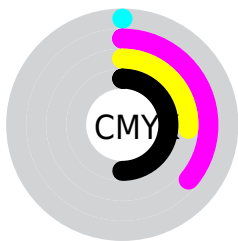
Distribution



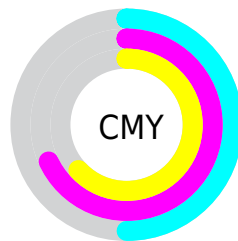
- Red (50%)
- Green (32%)
- Blue (37%)



- Red (50%)
- Yellow (32%)
- Blue (37%)



- Cyan (0%)
- Magenta (36%)
- Yellow (26%)
- Black (50%)



- Cyan (50%)
- Magenta (68%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9849, 11.4500, 12.2995 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 13.9849, 11.4500, 12.2995 by changing the saturation by 10% instead.

■ 13.9849, 11.4500,
12.2995

■ 13.9849, 11.4500,
12.2995

210.6494,
200.7293, 217.4259

■ 8.1918, 6.3704,
6.8230

■ 32.6487, 28.4893,
30.7119

■ 4.2708, 3.0716,
3.2749

■ 46.2501, 41.2178,
44.4849

■ 1.8564, 1.1692,
1.2366

■ 63.1851, 57.2648,
61.8605

■ 0.5513, 0.0363,
0.0090

■ 83.8188, 77.0145,
83.2572

■ 0.0000, 0.0000,
0.0000

■ 108.5168,
100.8514, 109.0935

137.6443,

129.1599, 139.7881

171.5667,
162.3244, 175.7594

■ 13.9849, 11.4500,
12.2995

■ 13.9849, 11.4500,
12.2995

■ 12.7151, 9.5395,
9.9368

■ 15.4846, 13.7415,
14.9820

■ 11.6626, 7.9875,
7.8808

■ 17.2242, 16.4314,
17.9951

■ 10.8148, 6.7718,
6.1186


■ 19.2142, 19.5382,
21.3501


■ 10.1575, 5.8672,
4.6360


■ 21.4641, 23.0787,
25.0575


■ 9.6746, 5.2444,
3.4175

■ 23.9830, 27.0686,
29.1273


 9.3399, 4.8547,
2.4436

 26.7794, 31.5231,
33.5692

 9.2231, 4.7176,
2.1071

 29.8618, 36.4565,
38.3924

 33.2378, 41.8826,
43.6059

 36.9152, 47.8144,
49.2181

Harmonies

Analogous

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



13.5730, 11.4500, 16.8251



13.9849, 11.4500, 12.2995



13.5050, 11.4500, 8.7037

Triad

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



13.9849, 11.4500, 12.2995



9.4742, 11.4500, 6.7113



9.5674, 11.4500, 21.0632

Complementary

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



13.9849, 11.4500, 12.2995



14.2938, 18.4702, 19.0322

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.



8.6243, 11.4500, 17.1837



13.9849, 11.4500, 12.2995



8.5740, 11.4500, 8.9352

Square

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



13.9849, 11.4500, 12.2995



10.8242, 11.4500, 5.9625



8.2773, 11.4500, 12.6362



10.9418, 11.4500, 22.5257

Rectangle

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



13.9849, 11.4500, 12.2995



12.7670, 11.4500, 7.1319



8.2773, 11.4500, 12.6362



9.1939, 11.4500, 19.9609

Sweetspot

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



13.9852, 11.4505, 12.2997



31.9104, 31.3977, 34.3726



13.9798, 11.2363, 21.8540



7.3810, 7.2106, 7.8954



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.9852, 11.4505, 12.2997



22.7913, 17.3996, 18.2616



14.2497, 12.8474, 9.7121



4.3739, 4.3627, 4.7733



9.1459, 4.6781, 2.0922



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.9852, 11.4505, 12.2997



22.7913, 17.3996, 18.2616



13.8587, 16.3174, 22.8412



4.3739, 4.3627, 4.7733



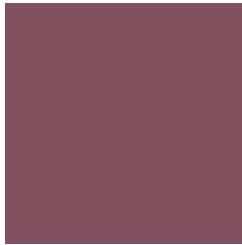
9.1459, 4.6781, 2.0922



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.9849, 11.4500, 12.2995 looks on a white background.

Color Contrast Check

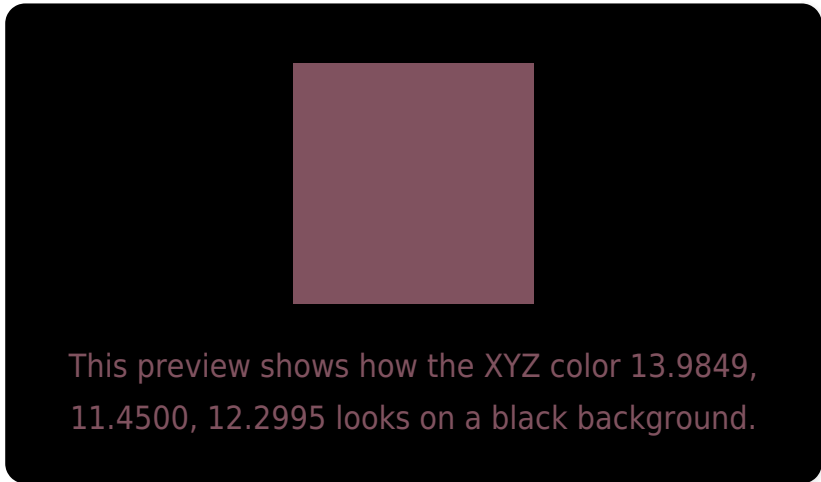
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9849, 11.4500, 12.2995

Background



This preview shows how black text looks on a background with the XYZ color 13.9849, 11.4500, 12.2995.



This preview shows how white text looks on a background with the XYZ color 13.9849, 11.4500,

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

13.9849, 11.4500, 12.2995

Protanopia

11.2597, 11.5966, 14.4769

Deuteranopia

11.6286, 11.4479, 11.9527



Tritanopia

13.6488, 11.4198, 10.9361

Trichromacy



Original Color

13.9849, 11.4500, 12.2995

Protanomaly

12.0198, 11.3582, 13.6154

Deuteranomaly

12.3202, 11.2983, 12.1211

Tritanomaly

13.7340, 11.4539, 11.3845

Monochromacy



Original Color

13.9849, 11.4500, 12.2995

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.1228, 11.6870, 12.6832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9849, 11.4500, 12.2995 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(128, 82, 95)` looks like.

```
.text, #text, p{  
    color:rgb(128, 82, 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(128, 82, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 82, 95) }
```

Border

The CSS property to change the border of an element to XYZ 13.9849, 11.4500, 12.2995 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(128, 82, 95) }
```


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

```
.border{ border-color:rgb(128, 82, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 82, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 82, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 82, 95);  
box-shadow:4px 4px 4px 4px rgb(128, 82,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9849, 11.4500, 12.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 82, 95) }
```

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

```
.background{ background-color: rgb(128, 82,  
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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