

Converting Colors

XYZ(13.3246, 10.0146, 14.5953)

Have a look what the booklet for
XYZ(13.3246, 10.0146, 14.5953)
contains.

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Color

**XYZ(13.3246, 10.0146,
14.5953)**

Conversions

Conversions Part 1

Format	Color
Hex	7D4869
RGB	125, 72, 105
RGB Percent	49%, 28%, 41%
CMY	0.5098, 0.7176, 0.5882
CMYK	0.00, 0.42, 0.16, 0.51
HSL	323°, 27%, 39%
HSV	323°, 42%, 49%
XYZ	13.3246, 10.0146, 14.5953
YIQ	91.6090, 20.9950, 21.4990

Conversions

Conversions Part 2

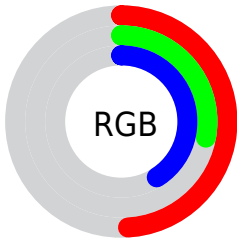
Format	Color
R_{YB}	125, 72, 105
Decimal	8210537
CIE Lab	37.87, 27.55, -9.48
CIE LCh	38, 29.135, 341.013
Yxy	10.0146, 0.3513, 0.2640
Android (android.graphics.Color)	4286400617 (0xFF7D4869)
YUV	91.6090, 6.6018, 29.2839
Hunter-Lab	31.6459, 19.7778, -5.1929

Details

The XYZ color **13.3246, 10.0146, 14.5953** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **11.9383, 16.8179, 12.7429**, and the grayscale version is **10.0651, 10.5893, 11.5317**.

A 20% lighter version of the original color is **31.5507, 25.9031, 34.7894**, and **3.9354, 2.4566, 4.2697** is the 20% darker color. If you saturate the color by 10%, you get **12.3614, 8.4655, 13.1110**, and if you desaturate by 10%, it is **14.4662, 11.8987, 16.2056**.

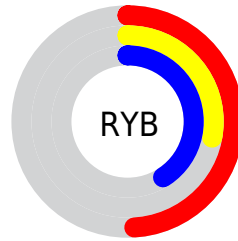
Distribution



Red (49%)

Green (28%)

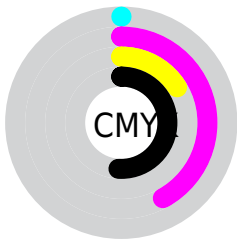
Blue (41%)



Red (49%)

Yellow (28%)

Blue (41%)

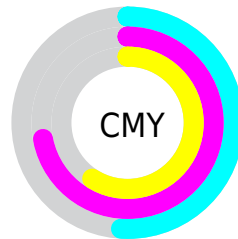


Cyan (0%)

Magenta (42%)

Yellow (16%)

Black (51%)



Cyan (51%)

Magenta (72%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3246, 10.0146, 14.5953 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 13.3246, 10.0146, 14.5953 by changing the saturation by 10% instead.

13.3246, 10.0146,
14.5953

13.3246, 10.0146,
14.5953

206.5835,
190.7762, 232.4592

7.7310, 5.4086,
8.3924

31.4821, 25.8230,
34.8738

3.9736, 2.4890,
4.2557

44.7767, 37.7941,
49.7866

1.6872, 0.8711,
1.7666

61.3690, 52.9892,
68.4396

0.4483, 0.0000,
0.4058

81.6243, 71.7925,
91.2516

0.0000, 0.0000,
0.0000

105.9081, 94.5885,
118.6410

134.5856,

121.7615, 151.0264

168.0223,
153.6959, 188.8263

■ 13.3246, 10.0146,
14.5953

■ 13.3246, 10.0146,
14.5953

■ 12.3614, 8.4655,
13.1110

■ 14.4662, 11.8987,
16.2056

■ 11.5655, 7.2298,
11.7477

■ 15.7946, 14.1348,
17.9455

■ 10.9258, 6.2858,
10.5007

■ 17.3189, 16.7405,
19.8191

■ 10.4295, 5.6079,
9.3646

■ 19.0473, 19.7318,
21.8302

■ 10.0614, 5.1666,
8.3332

■ 20.9874, 23.1237,
23.9823

■ 9.8265, 4.9076,
7.6048

■ 23.1464, 26.9304,
26.2787

■ 25.5314, 31.1654,
28.7227

■ 28.1488, 35.8416,
31.3174

■ 31.0051, 40.9715,
34.0658

Harmonies

Analogous

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



12.0688, 10.0146, 20.6247



13.3246, 10.0146, 14.5953



13.4866, 10.0146, 9.0591

Triad

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



13.3246, 10.0146, 14.5953



8.8504, 10.0146, 3.6147



7.0628, 10.0146, 19.1195

Complementary

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



13.3246, 10.0146, 14.5953



11.9383, 16.8179, 12.7429

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.



6.4169, 10.0146, 12.9842



13.3246, 10.0146, 14.5953



7.3556, 10.0146, 4.8493

Square

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



13.3246, 10.0146, 14.5953



10.7326, 10.0146, 3.7945



6.5166, 10.0146, 7.8946



8.3997, 10.0146, 23.7704

Rectangle

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



13.3246, 10.0146, 14.5953



12.9316, 10.0146, 6.4256



6.5166, 10.0146, 7.8946



6.7661, 10.0146, 17.0918

Sweetspot

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



13.3249, 10.0151, 14.5955



30.7485, 29.5220, 35.1733



10.3767, 8.3622, 20.4693



6.8732, 6.5075, 7.8546



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.3249, 10.0151, 14.5955



22.1621, 15.2005, 23.5204



12.1889, 9.5607, 8.6134



4.4315, 4.3857, 5.0766



10.2524, 5.1206, 7.9187



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.3249, 10.0151, 14.5955



22.1621, 15.2005, 23.5204



13.2725, 17.3516, 19.7687



4.4315, 4.3857, 5.0766



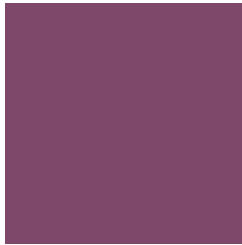
10.2524, 5.1206, 7.9187



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.3246, 10.0146, 14.5953 looks on a white background.

Color Contrast Check

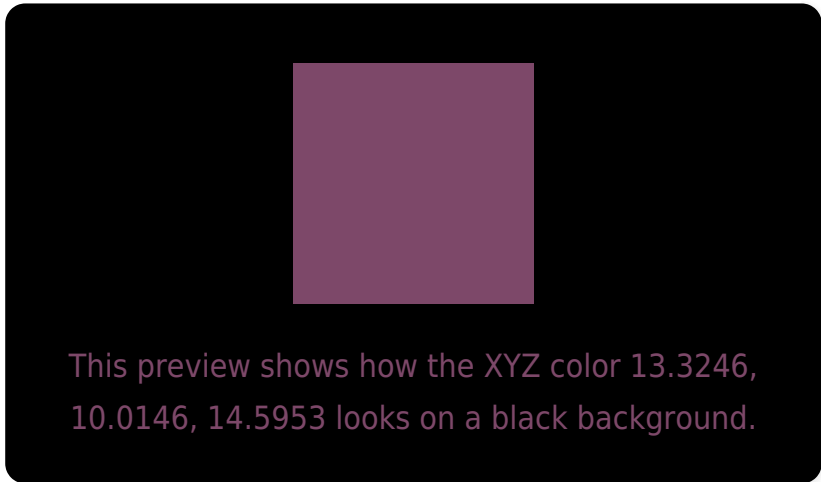
Large Text (above 18pt) WCAG AA ✓ Pass

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

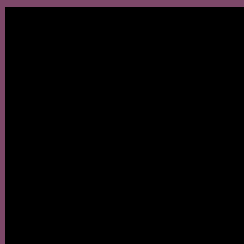
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.3246, 10.0146, 14.5953

Background



This preview shows how black text looks on a background with the XYZ color 13.3246, 10.0146, 14.5953.



This preview shows how white text looks on a background with the XYZ color 13.3246, 10.0146,

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

13.3246, 10.0146, 14.5953

Protanopia

10.2044, 10.1995, 17.9539

Deuteranopia

10.2201, 10.0510, 13.9718



Tritanopia

12.2758, 9.9890, 9.2637

Trichromacy



Original Color

13.3246, 10.0146, 14.5953

Protanomaly

11.0549, 9.9530, 16.6677

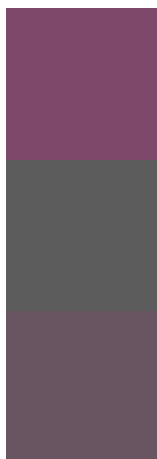
Deuteranomaly

11.1744, 9.9569, 14.1649

Tritanomaly

12.6737, 10.0554, 10.9458

Monochromacy



Original Color

13.3246, 10.0146, 14.5953

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.1151, 10.3031, 12.7121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3246, 10.0146, 14.5953 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(125, 72, 105)` looks like.

```
.text, #text, p{  
    color:rgb(125, 72, 105)  
}
```

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(125, 72, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 72, 105) }
```

Border

The CSS property to change the border of an element to XYZ 13.3246, 10.0146, 14.5953 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(125, 72, 105) }
```


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

```
.border{ border-color:rgb(125, 72, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 72, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 72, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 72, 105);  
box-shadow:4px 4px 4px 4px rgb(125, 72,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3246, 10.0146, 14.5953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 72, 105) }
```

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

```
.background{ background-color: rgb(125, 72,  
105) }
```

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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