

Converting Colors

XYZ(13.1437, 12.8968, 14.4426)

Have a look what the booklet for
XYZ(13.1437, 12.8968, 14.4426)
contains.

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Color

**XYZ(13.1034, 12.8237,
14.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6166
RGB	110, 97, 102
RGB Percent	43%, 38%, 40%
CMY	0.5686, 0.6196, 0.6000
CMYK	0.00, 0.12, 0.07, 0.57
HSL	337°, 6%, 41%
HSV	337°, 12%, 43%
XYZ	13.1034, 12.8237, 14.3550
YIQ	101.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

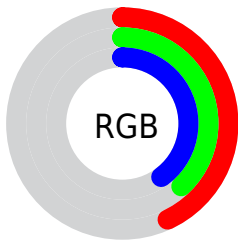
Format	Color
R_{YB}	110, 97, 102
Decimal	7233894
CIE Lab	42.50, 6.16, -0.94
CIE LCh	42, 6.228, 351.360
Yxy	12.8237, 0.3253, 0.3183
Android (android.graphics.Color)	4285423974 (0xFF6E6166)
YUV	101.4570, 0.2677, 7.4922
Hunter-Lab	35.8102, 2.6476, 1.2999

Details

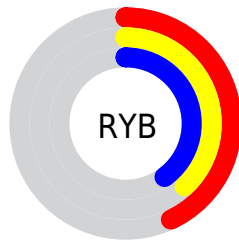
The XYZ color **13.1034, 12.8237, 14.3550** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0560, 14.7135, 15.5172**, and the grayscale version is **12.4864, 13.1367, 14.3059**.

A 20% lighter version of the original color is **31.2400, 31.1611, 34.5052**, and **3.8600, 3.6676, 4.1189** is the 20% darker color. If you saturate the color by 10%, you get **11.8346, 10.8015, 12.3426**, and if you desaturate by 10%, it is **14.5414, 15.1400, 16.5594**.

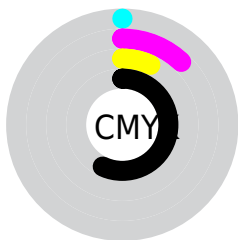
Distribution



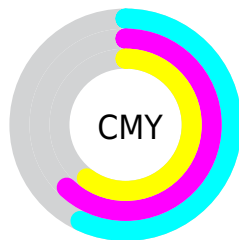
- Red (43%)
- Green (38%)
- Blue (40%)



- Red (43%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (57%)



- Cyan (57%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1034, 12.8237, 14.3550 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 13.1034, 12.8237, 14.3550 by changing the saturation by 10% instead.

■ 13.1034, 12.8237,
14.3550

■ 13.1034, 12.8237,
14.3550

205.2035,
209.7847, 230.9330

■ 7.5773, 7.3073,
8.2264

■ 31.0892, 30.9867,
34.4438

■ 3.8752, 3.6550,
4.1503

■ 44.2795, 44.4020,
49.2410

■ 1.6318, 1.4825,
1.7082

■ 60.7553, 61.2191,
67.7649

■ 0.4130, 0.2764,
0.3663

■ 80.8819, 81.8224,
90.4340

■ 0.0000, 0.0000,
0.0000

105.0247,
106.5961, 117.6668

133.5490,

135.9249, 149.8819

166.8201,
170.1929, 187.4978

■ 13.1034, 12.8237,
14.3550

■ 13.1034, 12.8237,
14.3550

■ 11.8346, 10.8015,
12.3426

■ 14.5414, 15.1400,
16.5594

■ 10.7273, 9.0598,
10.5161

■ 16.1534, 17.7597,
18.9600

■ 9.7753, 7.5866,
8.8701

■ 17.9457, 20.6940,
21.5622

■ 8.9710, 6.3684,
7.3986

■ 19.9237, 23.9528,
24.3707

■ 8.3065, 5.3903,
6.0954

■ 22.0927, 27.5459,
27.3900

■ 7.7731, 4.6362,
4.9538

■ 24.4576, 31.4823,
30.6245

■ 7.3610, 4.0875,
3.9665

■ 27.0234, 35.7709,
34.0786

■ 7.0584, 3.7225,
3.1254

■ 29.7947, 40.4202,
37.7564

■ 6.8538, 3.4844,
2.5299

■ 32.7761, 45.4384,
41.6619

Harmonies

Analogous

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



12.9077, 12.8237, 15.6410



13.1034, 12.8237, 14.3550



13.0491, 12.8237, 13.0418

Triad

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



13.1034, 12.8237, 14.3550



11.8625, 12.8237, 11.6899



11.6333, 12.8237, 16.0821

Complementary

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



13.1034, 12.8237, 14.3550



13.0560, 14.7135, 15.5172

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.



11.3666, 12.8237, 14.9262



13.1034, 12.8237, 14.3550



11.4966, 12.8237, 12.4092

Square

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



13.1034, 12.8237, 14.3550



12.3247, 12.8237, 11.5586



11.3173, 12.8237, 13.5779



12.0534, 12.8237, 16.6792

Rectangle

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



13.1034, 12.8237, 14.3550



12.8790, 12.8237, 12.3225



11.3173, 12.8237, 13.5779



11.5232, 12.8237, 15.7426

Sweetspot

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



13.1038, 12.8243, 14.3553



24.9323, 25.6106, 28.1645



12.8919, 12.6670, 16.5176



5.7653, 5.9007, 6.4984



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.



13.1038, 12.8243, 14.3553



22.4149, 21.5652, 24.2750



12.9843, 12.9703, 13.1291



3.4327, 3.4208, 3.8051



8.2198, 4.1803, 2.9673



40.5520, 20.6661, 12.7050

Inverse Universe

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



13.1038, 12.8243, 14.3553



22.4149, 21.5652, 24.2750



13.1814, 14.5409, 16.8640



3.4327, 3.4208, 3.8051



8.2198, 4.1803, 2.9673



40.5520, 20.6661, 12.7050

Previews

White Background



This preview shows how the XYZ color 13.1034, 12.8237, 14.3550 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 13.1034, 12.8237, 14.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

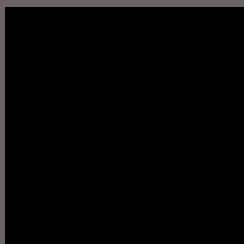
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.1034, 12.8237, 14.3550

Background



This preview shows how black text looks on a background with the XYZ color 13.1034, 12.8237, 14.3550.



This preview shows how white text looks on a background with the XYZ color 13.1034, 12.8237,

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

13.1034, 12.8237, 14.3550

Protanopia

12.4227, 12.8805, 14.9281

Deuteranopia

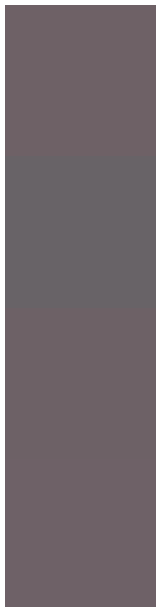
12.9796, 12.7599, 14.3492



Tritanopia

13.2038, 12.8639, 14.8838

Trichromacy



Original Color

13.1034, 12.8237, 14.3550

Protanomaly

12.6189, 12.8460, 14.6464

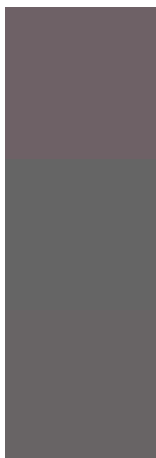
Deuteranomaly

12.9796, 12.7599, 14.3492

Tritanomaly

13.1533, 12.8437, 14.6178

Monochromacy



Original Color

13.1034, 12.8237, 14.3550

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.6151, 12.9970, 14.1557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1034, 12.8237, 14.3550 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, 97, 102)` looks like.

```
.text, #text, p{  
    color:rgb(110, 97, 102)  
}
```

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, 97, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 97, 102) }
```

Border

The CSS property to change the border of an element to XYZ 13.1034, 12.8237, 14.3550 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, 97, 102) }
```


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

```
.border{ border-color:rgb(110, 97, 102) }
```

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

Here you see how a box with a 4 pixel rgb(110, 97, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 97, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 97, 102);  
box-shadow:4px 4px 4px 4px rgb(110, 97,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1034, 12.8237, 14.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 97, 102) }
```

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

```
.background{ background-color: rgb(110, 97,  
102) }
```

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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