

Converting Colors

XYZ(13.0735, 12.0340, 14.9134)

Have a look what the booklet for
XYZ(13.0735, 12.0340, 14.9134)
contains.

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Color

**XYZ(13.1009, 12.0128,
14.9928)**

Conversions

Conversions Part 1

Format	Color
Hex	715B69
RGB	113, 91, 105
RGB Percent	44%, 36%, 41%
CMY	0.5569, 0.6431, 0.5882
CMYK	0.00, 0.19, 0.07, 0.56
HSL	322°, 11%, 40%
HSV	322°, 19%, 44%
XYZ	13.1009, 12.0128, 14.9928
YIQ	99.1740, 8.6180, 9.0180

Conversions

Conversions Part 2

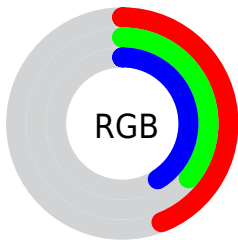
Format	Color
R_{YB}	113, 91, 105
Decimal	7428969
CIE Lab	41.24, 11.57, -4.59
CIE LCh	41, 12.450, 338.348
Yxy	12.0128, 0.3267, 0.2995
Android (android.graphics.Color)	4285619049 (0xFF715B69)
YUV	99.1740, 2.8722, 12.1254
Hunter-Lab	34.6595, 6.8169, -1.3857

Details

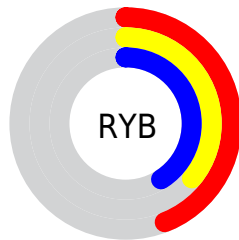
The XYZ color **13.1009, 12.0128, 14.9928** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4721, 14.9355, 14.0305**, and the grayscale version is **11.8953, 12.5148, 13.6286**.

A 20% lighter version of the original color is **31.0427, 29.4494, 35.5007**, and **3.8821, 3.3061, 4.4365** is the 20% darker color. If you saturate the color by 10%, you get **12.0007, 10.1421, 13.6091**, and if you desaturate by 10%, it is **14.3575, 14.1796, 16.4793**.

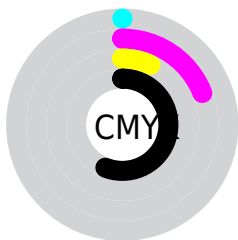
Distribution



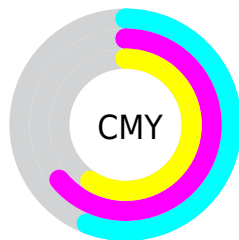
- Red (44%)
- Green (36%)
- Blue (41%)



- Red (44%)
- Yellow (36%)
- Blue (41%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (56%)



- Cyan (56%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1009, 12.0128, 14.9928 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 13.1009, 12.0128, 14.9928 by changing the saturation by 10% instead.

■ 13.1009, 12.0128,
14.9928

■ 13.1009, 12.0128,
14.9928

205.1879,
204.4900, 234.9619

■ 7.5755, 6.7524,
8.6678

■ 31.0847, 29.5184,
35.5827

■ 3.8741, 3.3077,
4.4313

■ 44.2739, 42.5324,
50.6846

■ 1.6311, 1.2944,
1.8648

■ 60.7483, 58.8997,
69.5492

■ 0.4126, 0.1369,
0.4702

■ 80.8735, 79.0048,
92.5951

■ 0.0000, 0.0000,
0.0000

■ 105.0147,
103.2319, 120.2408

133.5372,

131.9656, 152.9048

166.8065,
165.5902, 191.0056

■ 13.1009, 12.0128,
14.9928

■ 13.1009, 12.0128,
14.9928

■ 12.0007, 10.1421,
13.6091

■ 14.3575, 14.1796,
16.4793

■ 11.0492, 8.5529,
12.3245

■ 15.7757, 16.6532,
18.0705

■ 10.2396, 7.2317,
11.1362

■ 17.3617, 19.4455,
19.7695

■ 9.5643, 6.1633,
10.0408

■ 19.1210, 22.5675,
21.5786

■ 9.0146, 5.3310,
9.0348

■ 21.0590, 26.0297,
23.5003

8.5812, 4.7159,
8.1142

23.1807, 29.8418,
25.5369

8.2531, 4.2964,
7.2746

25.4909, 34.0136,
27.6907

7.9904, 3.9933,
6.5020

27.9945, 38.5540,
29.9639

7.9767, 3.9774,
6.4621

30.6959, 43.4721,
32.3585

Harmonies

Analogous

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



12.5242, 12.0128, 17.3591



13.1009, 12.0128, 14.9928



13.2148, 12.0128, 12.3743

Triad

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



13.1009, 12.0128, 14.9928



11.1687, 12.0128, 8.7679



10.1151, 12.0128, 16.3979

Complementary

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



13.1009, 12.0128, 14.9928



12.4721, 14.9355, 14.0305

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.



9.7916, 12.0128, 13.8118



13.1009, 12.0128, 14.9928



10.3786, 12.0128, 9.5690

Square

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



13.1009, 12.0128, 14.9928



12.0675, 12.0128, 8.9972



9.8854, 12.0128, 11.3370



10.7918, 12.0128, 18.2416

Rectangle

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



13.1009, 12.0128, 14.9928



13.0076, 12.0128, 10.8673



9.8854, 12.0128, 11.3370



9.9631, 12.0128, 15.5741

Sweetspot

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



13.1013, 12.0133, 14.9931



26.5167, 26.7936, 30.4301



11.8351, 11.3108, 17.1823



6.1063, 6.1511, 7.0079



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.1013, 12.0133, 14.9931



22.6093, 20.0590, 25.7977



12.5854, 11.8070, 12.2766



3.4654, 3.4339, 3.9776



9.0387, 4.5078, 7.2796



44.6011, 22.2858, 34.0274

Inverse Universe

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



13.1013, 12.0133, 14.9931



22.6093, 20.0590, 25.7977



13.0180, 15.1539, 16.9054



3.4654, 3.4339, 3.9776



9.0387, 4.5078, 7.2796



44.6011, 22.2858, 34.0274

Previews

White Background



This preview shows how the XYZ color 13.1009, 12.0128, 14.9928 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 13.1009, 12.0128, 14.9928 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 13.1009, 12.0128, 14.9928

Background



This preview shows how black text looks on a background with the XYZ color 13.1009, 12.0128, 14.9928.



This preview shows how white text looks on a background with the XYZ color 13.1009, 12.0128,

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

13.1009, 12.0128, 14.9928

Protanopia

11.8589, 12.1403, 16.1863

Deuteranopia

12.2998, 12.1270, 14.7892



Tritanopia

12.7614, 11.9999, 13.4480

Trichromacy



Original Color

13.1009, 12.0128, 14.9928

Protanomaly

12.2785, 12.0919, 15.8742

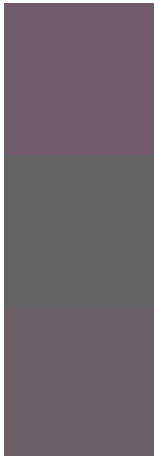
Deuteranomaly

12.5648, 12.1307, 14.7759

Tritanomaly

12.8582, 12.0386, 13.9579

Monochromacy



Original Color

13.1009, 12.0128, 14.9928

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.2408, 12.2484, 14.0309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1009, 12.0128, 14.9928 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(113, 91, 105)` looks like.

```
.text, #text, p{  
    color:rgb(113, 91, 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(113, 91, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 91, 105) }
```

Border

The CSS property to change the border of an element to XYZ 13.1009, 12.0128, 14.9928 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(113, 91, 105) }
```


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

```
.border{ border-color:rgb(113, 91, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 91, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 91, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 91, 105);  
box-shadow:4px 4px 4px 4px rgb(113, 91,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1009, 12.0128, 14.9928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 91, 105) }
```

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

```
.background{ background-color: rgb(113, 91,  
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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