

Converting Colors

XYZ(13.5921, 13.9839, 12.1080)

Have a look what the booklet for
XYZ(13.5921, 13.9839, 12.1080)
contains.

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Color

**XYZ(13.5921, 13.9839,
12.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	71675C
RGB	113, 103, 92
RGB Percent	44%, 40%, 36%
CMY	0.5569, 0.5961, 0.6392
CMYK	0.00, 0.09, 0.19, 0.56
HSL	31°, 10%, 40%
HSV	31°, 19%, 44%
XYZ	13.5921, 13.9839, 12.1080
YIQ	104.7360, 9.4910, -1.3010

Conversions

Conversions Part 2

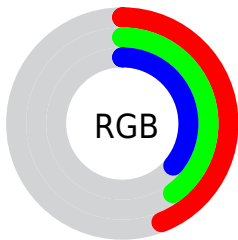
Format	Color
R_{YB}	111, 113, 92
Decimal	7432028
CIE Lab	44.21, 1.94, 7.63
CIE LCh	44, 7.877, 75.718
Yxy	13.9839, 0.3425, 0.3524
Android (android.graphics.Color)	4285622108 (0xFF71675C)
YUV	104.7360, -6.2788, 7.2475
Hunter-Lab	37.3951, -0.5614, 6.9793

Details

The XYZ color **13.5921, 13.9839, 12.1080** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.1457, 12.9702, 17.4864**, and the grayscale version is **13.3708, 14.0671, 15.3191**.

A 20% lighter version of the original color is **31.9551, 33.0635, 30.2889**, and **4.0873, 4.1494, 3.1703** is the 20% darker color. If you saturate the color by 10%, you get **12.6166, 12.7653, 9.5249**, and if you desaturate by 10%, it is **14.6765, 15.3021, 15.0914**.

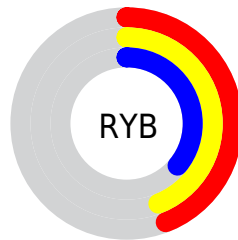
Distribution



Red (44%)

Green (40%)

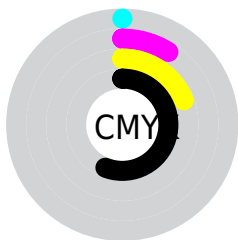
Blue (36%)



Red (44%)

Yellow (44%)

Blue (36%)

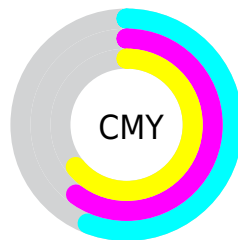


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (56%)



Cyan (56%)

Magenta (60%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5921, 13.9839, 12.1080 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 13.5921, 13.9839, 12.1080 by changing the saturation by 10% instead.

■ 13.5921, 13.9839,
12.1080

■ 13.5921, 13.9839,
12.1080

208.2401,
217.1306, 216.1222

■ 7.9173, 8.1095,
6.6938

■ 31.9558, 33.0605,
30.3590

■ 4.0934, 4.1651,
3.1958

■ 45.3755, 47.0314,
44.0329

■ 1.7551, 1.7663,
1.1955

■ 62.1075, 64.4699,
61.2971

■ 0.4904, 0.4661,
0.0000

■ 82.5172, 85.7605,
82.5702

■ 0.0000, 0.0000,
0.0000

106.9700,
111.2874, 108.2708

135.8311,

141.4352, 138.8172

169.4661,
176.5881, 174.6282

■ 13.5921, 13.9839,
12.1080

■ 13.5921, 13.9839,
12.1080

■ 12.6166, 12.7653,
9.5249

■ 14.6765, 15.3021,
15.0914

■ 11.7450, 11.6419,
7.3237

■ 15.8723, 16.7205,
18.4904

■ 10.9735, 10.6115,
5.4863

■ 17.1835, 18.2422,
22.3206

■ 10.2977, 9.6713,
3.9923

■ 18.6133, 19.8693,
26.5968

■ 9.7126, 8.8182,
2.8195

■ 20.1649, 21.6041,
31.3327

■ 9.2128, 8.0489,
1.9431

■ 21.8414, 23.4488,
36.5416

■ 8.7922, 7.3597,
1.3346

■ 23.6457, 25.4052,
42.2362

■ 8.4328, 6.7421,
0.9029

■ 25.5806, 27.4756,
48.4289

■ 8.3845, 6.6594,
0.8435

■ 27.6490, 29.6618,
55.1314

Harmonies

Analogous

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



14.1543, 13.9839, 12.8770



13.5921, 13.9839, 12.1080



12.9661, 13.9839, 12.1273

Triad

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



13.5921, 13.9839, 12.1080



12.1599, 13.9839, 16.1845



14.1767, 13.9839, 17.7766

Complementary

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



13.5921, 13.9839, 12.1080



12.1457, 12.9702, 17.4864

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.



13.6218, 13.9839, 18.8123



13.5921, 13.9839, 12.1080



12.4640, 13.9839, 17.8448

Square

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



13.5921, 13.9839, 12.1080



12.1526, 13.9839, 14.3869



12.9949, 13.9839, 18.8382



14.4990, 13.9839, 16.0973

Rectangle

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



13.5921, 13.9839, 12.1080



12.5972, 13.9839, 12.5817



12.9949, 13.9839, 18.8382



14.0104, 13.9839, 18.2172

Sweetspot

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



13.5925, 13.9845, 12.1083



26.7809, 27.9997, 28.4290



13.0431, 12.1275, 14.2630



6.1716, 6.4492, 6.5130



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.



13.5925, 13.9845, 12.1083



23.6168, 24.1463, 19.7451



14.6022, 16.0707, 12.4578



3.5156, 3.6637, 3.5952



9.4908, 7.5141, 0.9501



46.4091, 35.6935, 4.4435

Inverse Universe

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



12.1457, 12.9702, 17.4864



20.5519, 21.9976, 31.1382



11.2567, 11.1401, 17.1800



3.3364, 3.5380, 4.2613



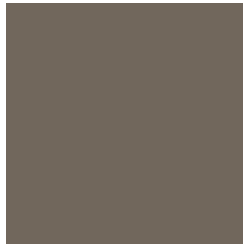
4.8472, 4.2847, 18.2932



23.2931, 19.6382, 90.8420

Previews

White Background



This preview shows how the XYZ color 13.5921, 13.9839, 12.1080 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 13.5921, 13.9839, 12.1080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

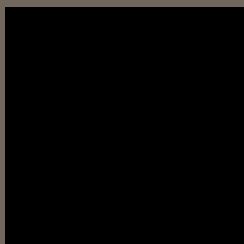
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

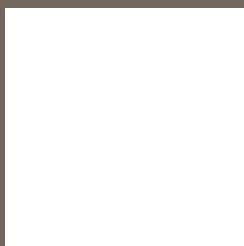
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.5921, 13.9839, 12.1080

Background



This preview shows how black text looks on a background with the XYZ color 13.5921, 13.9839, 12.1080.



This preview shows how white text looks on a background with the XYZ color 13.5921, 13.9839,

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

13.5921, 13.9839, 12.1080

Protanopia

13.2328, 13.9422, 12.3496

Deuteranopia

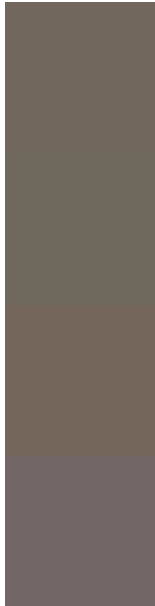
14.1932, 14.0020, 12.0798



Tritanopia

14.4307, 14.0349, 16.1358

Trichromacy



Original Color

13.5921, 13.9839, 12.1080

Protanomaly

13.3565, 14.0059, 12.3554

Deuteranomaly

14.0193, 14.0574, 12.0997

Tritanomaly

14.0891, 14.0395, 14.5377

Monochromacy



Original Color

13.5921, 13.9839, 12.1080

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.4349, 14.0089, 14.0525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5921, 13.9839, 12.1080 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, 103, 92)` looks like.

```
.text, #text, p{  
    color:rgb(113, 103, 92)  
}
```

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, 103, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 103, 92) }
```

Border

The CSS property to change the border of an element to XYZ 13.5921, 13.9839, 12.1080 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, 103, 92) }
```


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

```
.border{ border-color:rgb(113, 103, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 103, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 103, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 103, 92);  
box-shadow:4px 4px 4px 4px rgb(113, 103,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5921, 13.9839, 12.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 103, 92) }
```

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

```
.background{ background-color: rgb(113,  
103, 92) }
```

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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