

Converting Colors

XYZ(14.1183, 14.2397, 12.8309)

Have a look what the booklet for
XYZ(14.1183, 14.2397, 12.8309)
contains.

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Color

**XYZ(14.1183, 14.2397,
12.8309)**

Conversions

Conversions Part 1

Format	Color
Hex	74675F
RGB	116, 103, 95
RGB Percent	45%, 40%, 37%
CMY	0.5451, 0.5961, 0.6274
CMYK	0.00, 0.11, 0.18, 0.55
HSL	23°, 10%, 41%
HSV	23°, 18%, 45%
XYZ	14.1183, 14.2397, 12.8309
YIQ	105.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

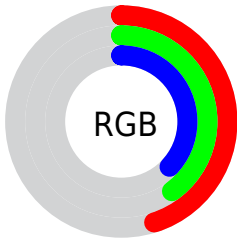
Format	Color
R_{YB}	116, 108, 95
Decimal	7628639
CIE Lab	44.57, 3.70, 6.39
CIE LCh	45, 7.381, 59.899
Yxy	14.2397, 0.3428, 0.3457
Android (android.graphics.Color)	4285818719 (0xFF74675F)
YUV	105.9750, -5.4107, 8.7919
Hunter-Lab	37.7355, 0.7465, 6.2550

Details

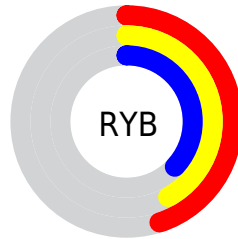
The XYZ color **14.1183, 14.2397, 12.8309** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.2343, 14.4188, 18.6088**, and the grayscale version is **13.7054, 14.4192, 15.7025**.

A 20% lighter version of the original color is **32.8149, 33.4804, 31.5209**, and **4.3524, 4.2790, 3.5023** is the 20% darker color. If you saturate the color by 10%, you get **12.9461, 12.6772, 10.0296**, and if you desaturate by 10%, it is **15.4311, 15.9575, 16.0669**.

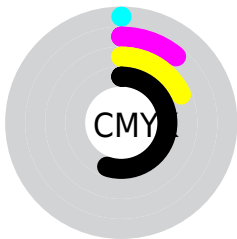
Distribution



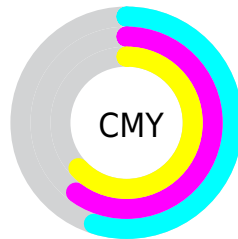
- Red (45%)
- Green (40%)
- Blue (37%)



- Red (45%)
- Yellow (42%)
- Blue (37%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1183, 14.2397, 12.8309 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 14.1183, 14.2397, 12.8309 by changing the saturation by 10% instead.

■ 14.1183, 14.2397,
12.8309

■ 14.1183, 14.2397,
12.8309

211.4615,
218.7170, 221.0007

■ 8.2852, 8.2876,
7.1829

■ 32.8833, 33.5137,
31.6864

■ 4.3313, 4.2795,
3.4965

■ 46.5460, 47.6044,
45.7309

■ 1.8912, 1.8311,
1.3534

■ 63.5492, 65.1768,
63.4113

■ 0.5717, 0.5065,
0.1050

■ 84.2584, 86.6152,
85.1461

■ 0.0000, 0.0000,
0.0000

109.0388,
112.3040, 111.3539

138.2559,

142.6276, 142.4533

172.2750,
177.9705, 178.8627

■ 14.1183, 14.2397,
12.8309

■ 14.1183, 14.2397,
12.8309

■ 12.9461, 12.6772,
10.0296

■ 15.4311, 15.9575,
16.0669

■ 11.9085, 11.2638,
7.6433

■ 16.8882, 17.8331,
19.7543

■ 11.0004, 9.9953,
5.6523

■ 18.4943, 19.8711,
23.9099

■ 10.2163, 8.8669,
4.0347

■ 20.2539, 22.0755,
28.5496

■ 9.5498, 7.8732,
2.7666

■ 22.1710, 24.4500,
33.6883

■ 8.9942, 7.0086,
1.8213

■ 24.2495, 26.9984,
39.3405

■ 8.5419, 6.2671,
1.1678

■ 26.4932, 29.7241,
45.5199

■ 8.1746, 5.6379,
0.7206

■ 28.9059, 32.6306,
52.2397

■ 8.1108, 5.5295,
0.6398

■ 31.4911, 35.7213,
59.5128

Harmonies

Analogous

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



14.5541, 14.2397, 13.9230



14.1183, 14.2397, 12.8309



13.5364, 14.2397, 12.4441

Triad

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



14.1183, 14.2397, 12.8309



12.4187, 14.2397, 15.4988



14.1147, 14.2397, 18.5327

Complementary

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



14.1183, 14.2397, 12.8309



13.2343, 14.4188, 18.6088

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.



13.5324, 14.2397, 19.0298



14.1183, 14.2397, 12.8309



12.5635, 14.2397, 17.2017

Square

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



14.1183, 14.2397, 12.8309



12.5654, 14.2397, 13.9136



12.9668, 14.2397, 18.5261



14.5520, 14.2397, 17.2125

Rectangle

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



14.1183, 14.2397, 12.8309



13.1475, 14.2397, 12.6144



12.9668, 14.2397, 18.5261



13.9289, 14.2397, 18.8057

Sweetspot

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



14.1187, 14.2403, 12.8312



27.8602, 29.0021, 30.0874



14.0177, 12.9868, 16.0393



6.6132, 6.8759, 7.0941



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.1187, 14.2403, 12.8312



23.8699, 23.7749, 20.2690



15.1957, 16.3944, 13.1902



3.7878, 3.9085, 3.8971



9.0850, 6.1712, 0.7123



43.5008, 28.5301, 3.2141

Inverse Universe

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



13.2343, 14.4188, 18.6088



21.9899, 24.1533, 32.5476



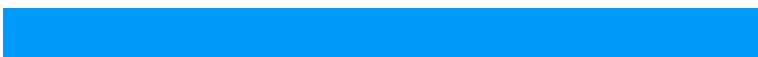
12.2209, 12.3921, 18.2710



3.6717, 3.9320, 4.6557



6.1057, 6.5510, 19.4852



28.9074, 30.2314, 94.6719

Previews

White Background



This preview shows how the XYZ color 14.1183, 14.2397, 12.8309 looks on a white background.

Color Contrast Check

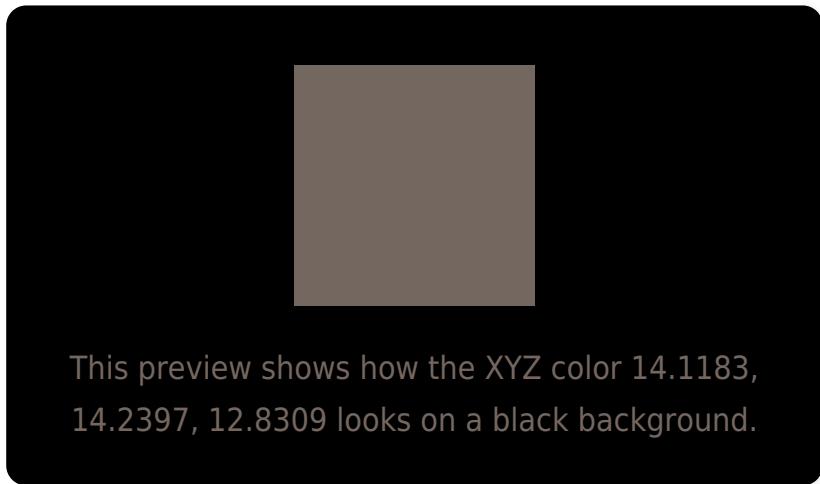
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1183, 14.2397, 12.8309

Background



This preview shows how black text looks on a background with the XYZ color 14.1183, 14.2397, 12.8309.

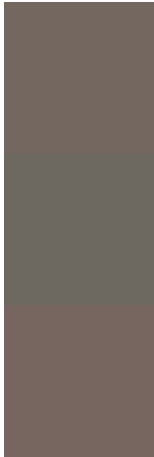


This preview shows how white text looks on a background with the XYZ color 14.1183, 14.2397,

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

14.1183, 14.2397, 12.8309

Protanopia

13.5933, 14.2627, 13.1029

Deuteranopia

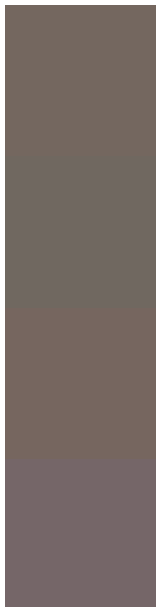
14.4247, 14.2509, 12.8169



Tritanopia

14.8852, 14.2630, 16.4365

Trichromacy



Original Color

14.1183, 14.2397, 12.8309

Protanomaly

13.7437, 14.1899, 13.0809

Deuteranomaly

14.2881, 14.1805, 12.8105

Tritanomaly

14.5862, 14.2841, 15.0850

Monochromacy



Original Color

14.1183, 14.2397, 12.8309

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.8803, 14.3775, 14.6139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1183, 14.2397, 12.8309 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(116, 103, 95)` looks like.

```
.text, #text, p{  
    color:rgb(116, 103, 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(116, 103, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 103, 95) }
```

Border

The CSS property to change the border of an element to XYZ 14.1183, 14.2397, 12.8309 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(116, 103, 95) }
```


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

```
.border{ border-color:rgb(116, 103, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 103, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 103, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 103, 95);  
box-shadow:4px 4px 4px 4px rgb(116, 103,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1183, 14.2397, 12.8309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 103, 95) }
```

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

```
.background{ background-color: rgb(116,  
103, 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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