

Converting Colors

XYZ(14.2943, 13.4612, 13.8340)

Have a look what the booklet for
XYZ(14.2943, 13.4612, 13.8340)
contains.

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Color

**XYZ(14.3207, 13.4626,
13.9003)**

Conversions

Conversions Part 1

Format	Color
Hex	786164
RGB	120, 97, 100
RGB Percent	47%, 38%, 39%
CMY	0.5294, 0.6196, 0.6078
CMYK	0.00, 0.19, 0.17, 0.53
HSL	352°, 11%, 43%
HSV	352°, 19%, 47%
XYZ	14.3207, 13.4626, 13.9003
YIQ	104.2190, 12.7450, 5.8090

Conversions

Conversions Part 2

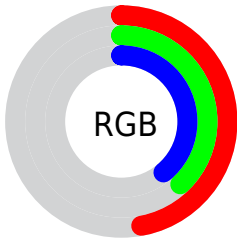
Format	Color
R_{YB}	120, 97, 100
Decimal	7889252
CIE _{Lab}	43.45, 9.80, 1.80
CIE _{LCh}	43, 9.964, 10.400
Yxy	13.4626, 0.3436, 0.3230
Android (android.graphics.Color)	4286079332 (0xFF786164)
YUV	104.2190, -2.0800, 13.8399
Hunter-Lab	36.6914, 5.4588, 3.2224

Details

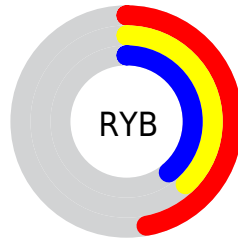
The XYZ color **14.3207, 13.4626, 13.9003** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8577, 17.2591, 19.3789**, and the grayscale version is **13.2201, 13.9086, 15.1465**.

A 20% lighter version of the original color is **33.4094, 32.2984, 33.7515**, and **4.4250, 3.9643, 3.9001** is the 20% darker color. If you saturate the color by 10%, you get **12.8215, 11.2214, 11.0661**, and if you desaturate by 10%, it is **16.0531, 16.0664, 17.1318**.

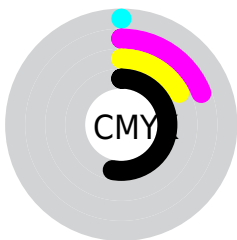
Distribution



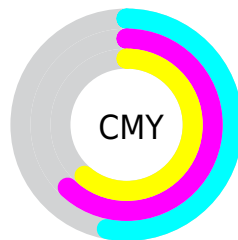
- Red (47%)
- Green (38%)
- Blue (39%)



- Red (47%)
- Yellow (38%)
- Blue (39%)



- Cyan (0%)
- Magenta (19%)
- Yellow (17%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3207, 13.4626, 13.9003 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 14.3207, 13.4626, 13.9003 by changing the saturation by 10% instead.

■ 14.3207, 13.4626,
13.9003

■ 14.3207, 13.4626,
13.9003

212.6878,
213.8615, 228.0165

■ 8.4272, 7.7479,
7.9134

■ 33.2385, 32.1324,
33.6266

■ 4.4236, 3.9340,
3.9526

■ 46.9936, 45.8562,
48.2031

■ 1.9445, 1.6367,
1.5994

■ 64.0999, 63.0186,
66.4798

■ 0.6025, 0.3822,
0.2904

■ 84.9229, 84.0038,
88.8754

■ 0.0000, 0.0000,
0.0000

109.8278,
109.1963, 115.8083

139.1800,

138.9805, 147.6971

173.3449,
173.7408, 184.9603

■ 14.3207, 13.4626,
13.9003

■ 14.3207, 13.4626,
13.9003

■ 12.8215, 11.2214,
11.0661

■ 16.0531, 16.0664,
17.1318

■ 11.5445, 9.3250,
8.6131

■ 18.0270, 19.0460,
20.7744

■ 10.4794, 7.7568,
6.5252

■ 20.2515, 22.4162,
24.8420

■ 9.6145, 6.4981,
4.7848

■ 22.7351, 26.1903,
29.3478

■ 8.9373, 5.5283,
3.3729

■ 25.4857, 30.3812,
34.3044

■ 8.4335, 4.8245,
2.2688

■ 28.5110, 35.0010,
39.7238

■ 8.0870, 4.3599,
1.4491

■ 31.8184, 40.0615,
45.6177

■ 7.8541, 4.0538,
0.8790

■ 35.4148, 45.5740,
51.9972

■ 7.8367, 4.0295,
0.8409

■ 39.3072, 51.5492,
58.8731

Harmonies

Analogous

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



14.2540, 13.4626, 16.1397



14.3207, 13.4626, 13.9003



13.9664, 13.4626, 12.0589

Triad

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



14.3207, 13.4626, 13.9003



11.8526, 13.4626, 11.6382



12.3016, 13.4626, 19.0654

Complementary

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



14.3207, 13.4626, 13.9003



14.8577, 17.2591, 19.3789

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.



11.6925, 13.4626, 17.6071



14.3207, 13.4626, 13.9003



11.4406, 13.4626, 13.2708

Square

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



14.3207, 13.4626, 13.9003



12.5282, 13.4626, 10.8433



11.3832, 13.4626, 15.4437



13.0671, 13.4626, 19.2776

Rectangle

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



14.3207, 13.4626, 13.9003



13.5473, 13.4626, 11.2470



11.3832, 13.4626, 15.4437



12.0726, 13.4626, 18.6982

Sweetspot

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



14.3211, 13.4632, 13.9006



29.2363, 29.7681, 31.9873



14.9925, 13.6834, 19.6204



6.8893, 6.9953, 7.5077



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.3211, 13.4632, 13.9006



23.9784, 21.8679, 22.1709



14.9997, 15.0484, 13.4241



4.0176, 4.0228, 4.2904



8.5458, 4.3945, 0.8993



40.5812, 20.8888, 3.3248

Inverse Universe

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



14.3211, 13.4632, 13.9006



23.9784, 21.8679, 22.1709



14.0669, 15.3909, 19.9988



4.0176, 4.0228, 4.2904



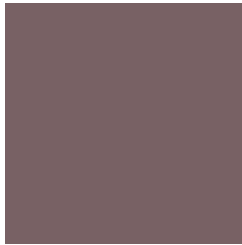
8.5458, 4.3945, 0.8993



40.5812, 20.8888, 3.3248

Previews

White Background



This preview shows how the XYZ color 14.3207, 13.4626, 13.9003 looks on a white background.

Color Contrast Check

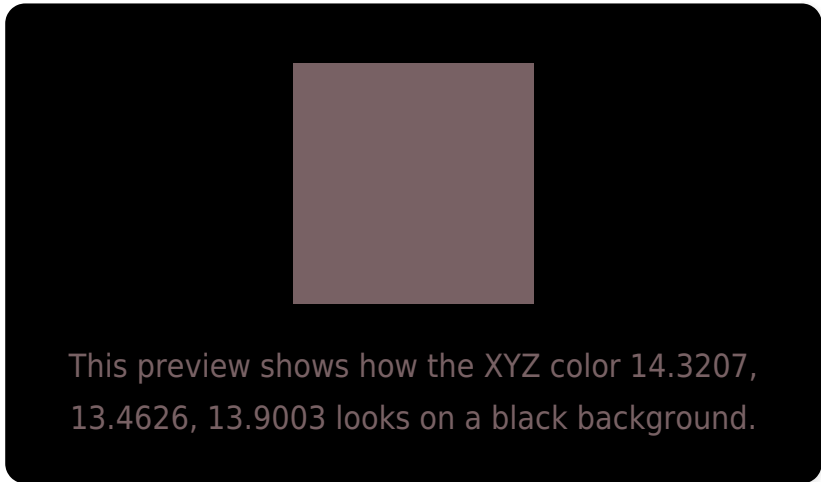
Large Text (above 18pt) WCAG AA ✓ Pass

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

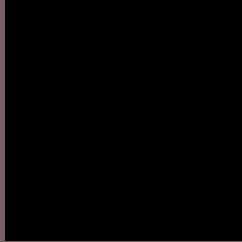
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3207, 13.4626, 13.9003

Background



This preview shows how black text looks on a background with the XYZ color 14.3207, 13.4626, 13.9003.



This preview shows how white text looks on a background with the XYZ color 14.3207, 13.4626,

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

14.3207, 13.4626, 13.9003

Protanopia

13.0253, 13.4853, 14.7484

Deuteranopia

13.7015, 13.4212, 13.9250



Tritanopia

14.4273, 13.3583, 14.9147

Trichromacy



Original Color

14.3207, 13.4626, 13.9003

Protanomaly

13.3859, 13.3886, 14.4491

Deuteranomaly

13.8704, 13.3685, 13.9059

Tritanomaly

14.3768, 13.3381, 14.6487

Monochromacy



Original Color

14.3207, 13.4626, 13.9003

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.5323, 13.6016, 14.7441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3207, 13.4626, 13.9003 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(120, 97, 100)` looks like.

```
.text, #text, p{  
    color:rgb(120, 97, 100)  
}
```

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(120, 97, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 97, 100) }
```

Border

The CSS property to change the border of an element to XYZ 14.3207, 13.4626, 13.9003 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(120, 97, 100) }
```


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

```
.border{ border-color:rgb(120, 97, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 97, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 97, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 97, 100);  
box-shadow:4px 4px 4px 4px rgb(120, 97,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3207, 13.4626, 13.9003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 97, 100) }
```

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

```
.background{ background-color: rgb(120, 97,  
100) }
```

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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