

Converting Colors

XYZ(14.3783, 14.3704, 14.9204)

Have a look what the booklet for
XYZ(14.3783, 14.3704, 14.9204)
contains.

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Color

**XYZ(14.3687, 14.3246,
14.8396)**

Conversions

Conversions Part 1

Format	Color
Hex	736767
RGB	115, 103, 103
RGB Percent	45%, 40%, 40%
CMY	0.5490, 0.5961, 0.5961
CMYK	0.00, 0.10, 0.10, 0.55
HSL	0°, 6%, 43%
HSV	0°, 10%, 45%
XYZ	14.3687, 14.3246, 14.8396
YIQ	106.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

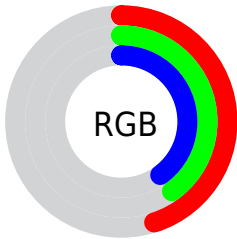
Format	Color
R_{YB}	115, 103, 103
Decimal	7563111
CIE Lab	44.69, 4.74, 1.72
CIE LCh	45, 5.044, 19.966
Yxy	14.3246, 0.3301, 0.3291
Android (android.graphics.Color)	4285753191 (0xFF736767)
YUV	106.5880, -1.7689, 7.3773
Hunter-Lab	37.8479, 1.5327, 3.2467

Details

The XYZ color **14.3687, 14.3246, 14.8396** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8188, 16.3827, 18.6011**, and the grayscale version is **13.8649, 14.5869, 15.8852**.

A 20% lighter version of the original color is **33.3247, 33.6598, 35.3124**, and **4.4427, 4.3072, 4.3386** is the 20% darker color. If you saturate the color by 10%, you get **12.7647, 11.9776, 11.6503**, and if you desaturate by 10%, it is **16.2102, 17.0192, 18.5002**.

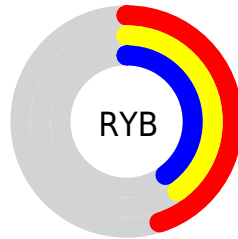
Distribution



Red (45%)

Green (40%)

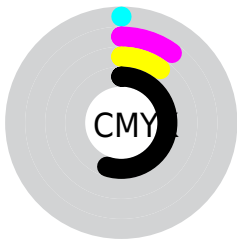
Blue (40%)



Red (45%)

Yellow (40%)

Blue (40%)

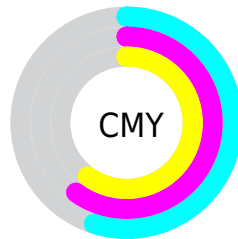


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (55%)



Cyan (55%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3687, 14.3246, 14.8396 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 14.3687, 14.3246, 14.8396 by changing the saturation by 10% instead.

■ 14.3687, 14.3246,
14.8396

■ 14.3687, 14.3246,
14.8396

212.9776,
219.2409, 234.0005

■ 8.4610, 8.3468,
8.5615

■ 33.3226, 33.6639,
35.3099

■ 4.4456, 4.3176,
4.3634

■ 47.0996, 47.7941,
50.3391

■ 1.9572, 1.8528,
1.8268

■ 64.2302, 65.4106,
69.1225

■ 0.6097, 0.5198,
0.4455

■ 85.0800, 86.8978,
92.0786

■ 0.0000, 0.0000,
0.0000

110.0143,
112.6400, 119.6259

139.3985,

143.0217, 152.1830

173.5978,
178.4272, 190.1683

■ 14.3687, 14.3246,
14.8396

■ 14.3687, 14.3246,
14.8396

■ 12.7647, 11.9776,
11.6503

■ 16.2102, 17.0192,
18.5002

■ 11.3875, 9.9623,
8.9123

■ 18.2971, 20.0728,
22.6491

■ 10.2271, 8.2643,
6.6054

■ 20.6383, 23.4986,
27.3038

■ 9.2725, 6.8675,
4.7078

■ 23.2421, 27.3085,
32.4804

■ 8.5117, 5.7543,
3.1955

■ 26.1161, 31.5139,
38.1944

■ 7.9315, 4.9052,
2.0422

■ 29.2680, 36.1257,
44.4608

■ 7.5169, 4.2985,
1.2181

■ 32.7048, 41.1546,
51.2938

■ 7.2506, 3.9088,
0.6889

■ 36.4335, 46.6105,
58.7072

■ 7.0705, 3.6453,
0.3310

■ 40.4608, 52.5033,
66.7142

Harmonies

Analogous

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



14.4053, 14.3246, 15.9933



14.3687, 14.3246, 14.8396



14.1279, 14.3246, 13.9333

Triad

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



14.3687, 14.3246, 14.8396



13.0210, 14.3246, 14.1910



13.4784, 14.3246, 17.9248

Complementary

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



14.3687, 14.3246, 14.8396



14.8188, 16.3827, 18.6011

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.



13.1148, 14.3246, 17.3883



14.3687, 14.3246, 14.8396



12.8543, 14.3246, 15.2074

Square

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



14.3687, 14.3246, 14.8396



13.3480, 14.3246, 13.5720



12.8883, 14.3246, 16.3799



13.8858, 14.3246, 17.8141

Rectangle

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



14.3687, 14.3246, 14.8396



13.8866, 14.3246, 13.5728



12.8883, 14.3246, 16.3799



13.3471, 14.3246, 17.8131

Sweetspot

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



14.3691, 14.3252, 14.8399



28.1132, 29.1386, 31.3108



15.0153, 14.5834, 18.2434



6.6492, 6.8671, 7.3551



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.



14.3691, 14.3252, 14.8399



24.8522, 24.3668, 24.8276



14.9873, 15.5617, 15.0460



3.6840, 3.7009, 3.8625



8.0830, 4.1672, 0.3783



39.3889, 20.3064, 1.8435

Inverse Universe

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



14.8188, 16.3827, 18.6011



25.8624, 28.9888, 33.2768



14.1569, 15.0589, 18.3805



3.7833, 4.1552, 4.6929



10.5441, 15.4279, 20.9647



51.3821, 75.1808, 102.1635

Previews

White Background



This preview shows how the XYZ color 14.3687, 14.3246, 14.8396 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 14.3687, 14.3246, 14.8396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

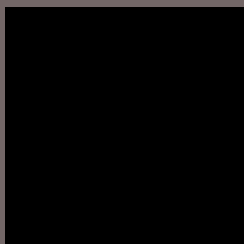
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3687, 14.3246, 14.8396

Background



This preview shows how black text looks on a background with the XYZ color 14.3687, 14.3246, 14.8396.



This preview shows how white text looks on a background with the XYZ color 14.3687, 14.3246,

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

14.3687, 14.3246, 14.8396

Protanopia

13.7346, 14.2908, 15.1312

Deuteranopia

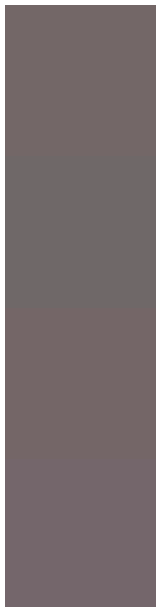
14.5357, 14.2639, 14.8191



Tritanopia

14.7683, 14.3415, 16.7417

Trichromacy



Original Color

14.3687, 14.3246, 14.8396

Protanomaly

14.0046, 14.2796, 15.1148

Deuteranomaly

14.4020, 14.1950, 14.8128

Tritanomaly

14.6077, 14.2773, 15.8958

Monochromacy



Original Color

14.3687, 14.3246, 14.8396

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1860, 14.6637, 15.7184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3687, 14.3246, 14.8396 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(115, 103, 103)` looks like.

```
.text, #text, p{  
    color:rgb(115, 103, 103)  
}
```

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(115, 103, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 103, 103) }
```

Border

The CSS property to change the border of an element to XYZ 14.3687, 14.3246, 14.8396 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(115, 103, 103) }
```


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

```
.border{ border-color:rgb(115, 103, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 103, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 103, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 103, 103);  
box-shadow:4px 4px 4px 4px rgb(115, 103,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3687, 14.3246, 14.8396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 103, 103) }
```

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

```
.background{ background-color: rgb(115,  
103, 103) }
```

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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