

Converting Colors

XYZ(14.9339, 14.4481, 14.9484)

Have a look what the booklet for
XYZ(14.9339, 14.4481, 14.9484)
contains.

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Color

**XYZ(14.9453, 14.4751,
14.8382)**

Conversions

Conversions Part 1

Format	Color
Hex	786667
RGB	120, 102, 103
RGB Percent	47%, 40%, 40%
CMY	0.5294, 0.6000, 0.5961
CMYK	0.00, 0.15, 0.14, 0.53
HSL	357°, 8%, 44%
HSV	357°, 15%, 47%
XYZ	14.9453, 14.4751, 14.8382
YIQ	107.4960, 10.4070, 4.1270

Conversions

Conversions Part 2

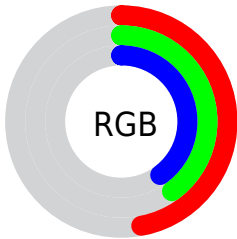
Format	Color
RYB	120, 102, 103
Decimal	7890535
CIELab	44.91, 7.34, 2.09
CIElCh	45, 7.635, 15.891
Yxy	14.4751, 0.3377, 0.3271
Android (android.graphics.Color)	4286080615 (0xFF786667)
YUV	107.4960, -2.2165, 10.9660
Hunter-Lab	38.0462, 3.5376, 3.5089

Details

The XYZ color **14.9453, 14.4751, 14.8382** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5263, 17.5900, 20.0306**, and the grayscale version is **14.1173, 14.8525, 16.1743**.

A 20% lighter version of the original color is **34.2372, 33.8862, 35.3080**, and **4.6785, 4.3575, 4.3359** is the 20% darker color. If you saturate the color by 10%, you get **13.3194, 12.0728, 11.6770**, and if you desaturate by 10%, it is **16.8199, 17.2510, 18.4632**.

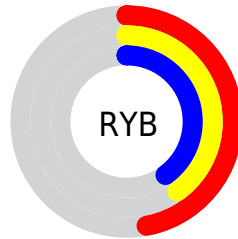
Distribution



Red (47%)

Green (40%)

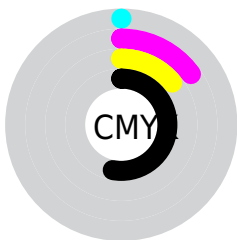
Blue (40%)



Red (47%)

Yellow (40%)

Blue (40%)

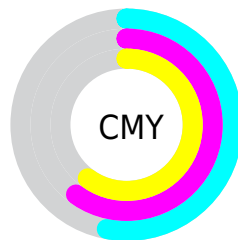


Cyan (0%)

Magenta (15%)

Yellow (14%)

Black (53%)



Cyan (53%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9453, 14.4751, 14.8382 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 14.9453, 14.4751, 14.8382 by changing the saturation by 10% instead.

■ 14.9453, 14.4751,
14.8382

■ 14.9453, 14.4751,
14.8382

216.4298,
220.1668, 233.9917

■ 8.8671, 8.4518,
8.5605

■ 34.3296, 33.9297,
35.3074

■ 4.7110, 4.3854,
4.3628

■ 48.3665, 48.1298,
50.3360

■ 2.1117, 1.8914,
1.8264

■ 65.7868, 65.8243,
69.1186

■ 0.6956, 0.5432,
0.4453

■ 86.9562, 87.3976,
92.0739

■ 0.0000, 0.0000,
0.0000

112.2398,
113.2341, 119.6203

142.0030,

143.7182, 152.1764

176.6113,
179.2343, 190.1607

■ 14.9453, 14.4751,
14.8382

■ 14.9453, 14.4751,
14.8382

■ 13.3194, 12.0728,
11.6770

■ 16.8199, 17.2510,
18.4632

■ 11.9306, 10.0264,
8.9601

■ 18.9517, 20.4135,
22.5687

■ 10.7682, 8.3195,
6.6678

■ 21.3505, 23.9773,
27.1717

■ 9.8202, 6.9338,
4.7787

■ 24.0250, 27.9558,
32.2882

■ 9.0735, 5.8491,
3.2693

■ 26.9835, 32.3617,
37.9332

■ 8.5134, 5.0431,
2.1141

■ 30.2342, 37.2072,
44.1214

■ 8.1235, 4.4903,
1.2841

■ 33.7847, 42.5041,
50.8667

■ 7.8793, 4.1508,
0.7441

■ 37.6424, 48.2636,
58.1826

■ 7.7823, 4.0077,
0.5544

■ 41.8146, 54.4966,
66.0821

Harmonies

Analogous

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



14.9555, 14.4751, 16.6139



14.9453, 14.4751, 14.8382



14.6107, 14.4751, 13.4191

Triad

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



14.9453, 14.4751, 14.8382



12.9141, 14.4751, 13.4871



13.4676, 14.4751, 19.3358

Complementary

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



14.9453, 14.4751, 14.8382



15.5263, 17.5900, 20.0306

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.



12.9394, 14.4751, 18.3605



14.9453, 14.4751, 14.8382



12.6265, 14.4751, 14.9376

Square

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



14.9453, 14.4751, 14.8382



13.4321, 14.4751, 12.6802



12.6356, 14.4751, 16.7211



14.0895, 14.4751, 19.3041

Rectangle

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



14.9453, 14.4751, 14.8382



14.2543, 14.4751, 12.8265



12.6356, 14.4751, 16.7211



13.2736, 14.4751, 19.1118

Sweetspot

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



14.9457, 14.4757, 14.8385



29.9015, 30.8134, 33.0878



15.7223, 14.7673, 19.7912



7.0322, 7.2221, 7.7369



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.



14.9457, 14.4757, 14.8385



25.2534, 23.9323, 24.0932



15.6988, 16.0617, 14.8440



4.0065, 4.0183, 4.2318



8.4881, 4.3714, 0.5953



40.3873, 20.8113, 2.3035

Inverse Universe

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



14.9457, 14.4757, 14.8385



25.2534, 23.9323, 24.0932



14.6865, 15.8139, 20.0478



4.0065, 4.0183, 4.2318



8.4881, 4.3714, 0.5953



40.3873, 20.8113, 2.3035

Previews

White Background



This preview shows how the XYZ color 14.9453, 14.4751, 14.8382 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 14.9453, 14.4751, 14.8382 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 14.9453, 14.4751, 14.8382

Background



This preview shows how black text looks on a background with the XYZ color 14.9453, 14.4751, 14.8382.



This preview shows how white text looks on a background with the XYZ color 14.9453, 14.4751,

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

14.9453, 14.4751, 14.8382

Protanopia

13.8882, 14.5161, 15.4345

Deuteranopia

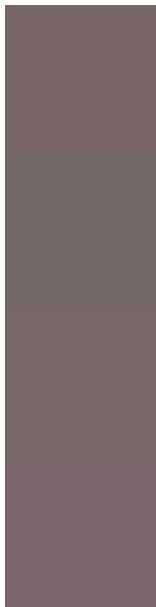
14.7696, 14.5313, 14.8583



Tritanopia

15.2992, 14.4764, 16.4559

Trichromacy



Original Color

14.9453, 14.4751, 14.8382

Protanomaly

14.2324, 14.5474, 15.1545

Deuteranomaly

14.9062, 14.6017, 14.8647

Tritanomaly

15.1927, 14.4338, 15.8952

Monochromacy



Original Color

14.9453, 14.4751, 14.8382

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.3352, 14.5885, 15.6960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9453, 14.4751, 14.8382 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, 102, 103)` looks like.

```
.text, #text, p{  
    color:rgb(120, 102, 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(120, 102, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 102, 103) }
```

Border

The CSS property to change the border of an element to XYZ 14.9453, 14.4751, 14.8382 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, 102, 103) }
```


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

```
.border{ border-color:rgb(120, 102, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 102, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 102, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 102, 103);  
box-shadow:4px 4px 4px 4px rgb(120, 102,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9453, 14.4751, 14.8382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 102, 103) }
```

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

```
.background{ background-color: rgb(120,  
102, 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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