

Converting Colors

XYZ(15.9560, 15.0359, 17.5902)

Have a look what the booklet for
XYZ(15.9560, 15.0359, 17.5902)
contains.

XYZ(15.9993, 15.1037, 17.6948)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.9993, 15.1037,
17.6948)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6771
RGB	123, 103, 113
RGB Percent	48%, 40%, 44%
CMY	0.5176, 0.5961, 0.5569
CMYK	0.00, 0.16, 0.08, 0.52
HSL	330°, 9%, 44%
HSV	330°, 16%, 48%
XYZ	15.9993, 15.1037, 17.6948
YIQ	110.1200, 8.7100, 7.3500

Conversions

Conversions Part 2

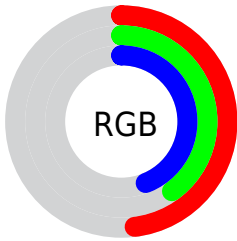
Format	Color
R_{YB}	123, 103, 113
Decimal	8087409
CIE Lab	45.78, 9.80, -2.63
CIE LCh	46, 10.145, 344.964
Yxy	15.1037, 0.3279, 0.3095
Android (android.graphics.Color)	4286277489 (0xFF7B6771)
YUV	110.1200, 1.4198, 11.2958
Hunter-Lab	38.8635, 5.4737, 0.2093

Details

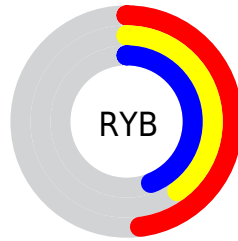
The XYZ color **15.9993, 15.1037, 17.6948** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6578, 18.2422, 18.3196**, and the grayscale version is **14.8501, 15.6235, 17.0140**.

A 20% lighter version of the original color is **36.2516, 35.0579, 40.4535**, and **5.1923, 4.6658, 5.6280** is the 20% darker color. If you saturate the color by 10%, you get **14.5302, 12.7009, 15.5542**, and if you desaturate by 10%, it is **17.6728, 17.8773, 20.0197**.

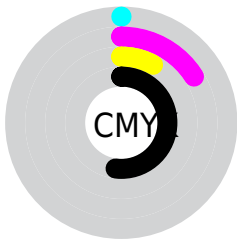
Distribution



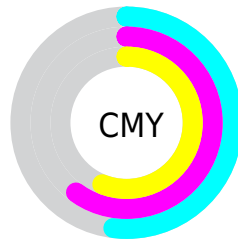
- Red (48%)
- Green (40%)
- Blue (44%)



- Red (48%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (52%)



- Cyan (52%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9993, 15.1037, 17.6948 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 15.9993, 15.1037, 17.6948 by changing the saturation by 10% instead.

■ 15.9993, 15.1037,
17.6948

■ 15.9993, 15.1037,
17.6948

222.6081,
223.9930, 251.3232

■ 9.6145, 8.8922,
10.5639

■ 36.1544, 35.0350,
40.3235

■ 5.2044, 4.6709,
5.6640

■ 50.6555, 49.5236,
56.6583

■ 2.4037, 2.0555,
2.5764

■ 68.5927, 67.5400,
76.8983

■ 0.8469, 0.6394,
0.8802

■ 90.3314, 89.4686,
101.4619

■ 0.0000, 0.0000,
0.0000

116.2369,
115.6938, 130.7676

146.6746,

146.6000, 165.2341

182.0099,
182.5716, 205.2797

■ 15.9993, 15.1037,
17.6948

■ 15.9993, 15.1037,
17.6948

■ 14.5302, 12.7009,
15.5542

■ 17.6728, 17.8773,
20.0197

■ 13.2558, 10.6509,
13.5919

■ 19.5571, 21.0344,
22.5328

■ 12.1678, 8.9375,
11.8028

■ 21.6600, 24.5899,
25.2389

■ 11.2565, 7.5422,
10.1815

■ 23.9886, 28.5571,
28.1425

■ 10.5113, 6.4448,
8.7218

■ 26.5496, 32.9486,
31.2479

■ 9.9207, 5.6228,
7.4173

■ 29.3493, 37.7767,
34.5592

■ 9.4712, 5.0504,
6.2608

■ 32.3940, 43.0530,
38.0804

■ 9.1380, 4.6788,
5.2412

■ 35.6895, 48.7888,
41.8154

■ 9.0242, 4.5533,
4.8880

■ 39.2415, 54.9949,
45.7680

Harmonies

Analogous

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



15.5466, 15.1037, 19.9994



15.9993, 15.1037, 17.6948



15.9999, 15.1037, 15.2615

Triad

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



15.9993, 15.1037, 17.6948



13.9361, 15.1037, 12.3104



13.2257, 15.1037, 19.9947

Complementary

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



15.9993, 15.1037, 17.6948



15.6578, 18.2422, 18.3196

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.



12.8281, 15.1037, 17.6889



15.9993, 15.1037, 17.6948



13.2270, 15.1037, 13.3395

Square

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



15.9993, 15.1037, 17.6948



14.7855, 15.1037, 12.3117



12.8285, 15.1037, 15.2562



13.9341, 15.1037, 21.4140

Rectangle

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



15.9993, 15.1037, 17.6948



15.7427, 15.1037, 13.8967



12.8285, 15.1037, 15.2562



13.0525, 15.1037, 19.2880

Sweetspot

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



15.9997, 15.1044, 17.6951



32.0108, 32.6200, 36.3435



15.2361, 14.6420, 20.7624



7.4950, 7.6091, 8.4998



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.9997, 15.1044, 17.6951



27.4934, 25.1466, 30.0244



15.4674, 14.8914, 14.8918



4.0741, 4.0454, 4.5877



9.3325, 4.7092, 5.0419



44.0874, 22.2913, 21.7881

Inverse Universe

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



15.9997, 15.1044, 17.6951



27.4934, 25.1466, 30.0244



16.2522, 18.4800, 21.4497



4.0741, 4.0454, 4.5877



9.3325, 4.7092, 5.0419



44.0874, 22.2913, 21.7881

Previews

White Background



This preview shows how the XYZ color 15.9993, 15.1037, 17.6948 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 15.9993, 15.1037, 17.6948 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 15.9993, 15.1037, 17.6948

Background



This preview shows how black text looks on a background with the XYZ color 15.9993, 15.1037, 17.6948.



This preview shows how white text looks on a background with the XYZ color 15.9993, 15.1037,

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

15.9993, 15.1037, 17.6948

Protanopia

14.6993, 15.1742, 18.6772

Deuteranopia

15.3683, 15.0773, 17.7230



Tritanopia

15.8879, 15.0591, 17.1083

Trichromacy



Original Color

15.9993, 15.1037, 17.6948

Protanomaly

15.0586, 15.0566, 18.3322

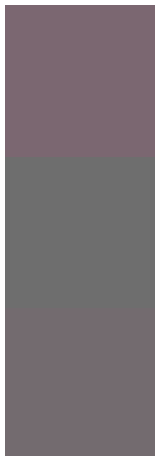
Deuteranomaly

15.5387, 15.0148, 17.7020

Tritanomaly

15.9433, 15.0813, 17.3999

Monochromacy



Original Color

15.9993, 15.1037, 17.6948

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.1972, 15.3079, 17.1927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9993, 15.1037, 17.6948 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(123, 103, 113)` looks like.

```
.text, #text, p{  
    color:rgb(123, 103, 113)  
}
```

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(123, 103, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 103, 113) }
```

Border

The CSS property to change the border of an element to XYZ 15.9993, 15.1037, 17.6948 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(123, 103, 113) }
```


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

```
.border{ border-color:rgb(123, 103, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 103, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 103, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 103, 113);  
box-shadow:4px 4px 4px 4px rgb(123, 103,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9993, 15.1037, 17.6948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 103, 113) }
```

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

```
.background{ background-color: rgb(123,  
103, 113) }
```

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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