

Converting Colors

XYZ(11.7643, 10.4719, 9.7894)

Have a look what the booklet for
XYZ(11.7643, 10.4719, 9.7894)
contains.

XYZ(11.7637, 10.4714, 9.7887)	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(11.7637, 10.4714,
9.7887)**

Conversions

Conversions Part 1

Format	Color
Hex	735354
RGB	115, 83, 84
RGB Percent	45%, 33%, 33%
CMY	0.5490, 0.6745, 0.6706
CMYK	0.00, 0.28, 0.27, 0.55
HSL	358°, 16%, 39%
HSV	358°, 28%, 45%
XYZ	11.7637, 10.4714, 9.7887
YIQ	92.6820, 18.7510, 7.0950

Conversions

Conversions Part 2

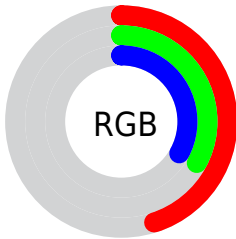
Format	Color
R_{YB}	115, 83, 84
Decimal	7557972
CIE _{Lab}	38.68, 13.51, 4.67
CIE _{LCh}	39, 14.291, 19.086
Yxy	10.4714, 0.3673, 0.3270
Android (android.graphics.Color)	4285748052 (0xFF735354)
YUV	92.6820, -4.2802, 19.5729
Hunter-Lab	32.3595, 8.2611, 4.7166

Details

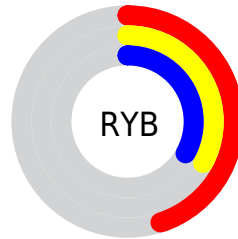
The XYZ color **11.7637, 10.4714, 9.7887** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.7357, 15.3156, 18.2052**, and the grayscale version is **10.3372, 10.8756, 11.8435**.

A 20% lighter version of the original color is **28.7696, 26.7933, 25.8456**, and **3.3061, 2.6910, 2.2646** is the 20% darker color. If you saturate the color by 10%, you get **10.5535, 8.6947, 7.4009**, and if you desaturate by 10%, it is **13.1898, 12.5688, 12.5912**.

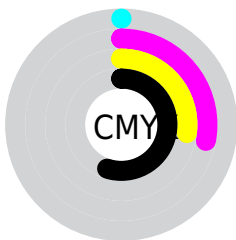
Distribution



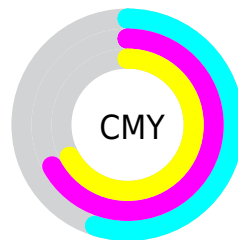
- Red (45%)
- Green (33%)
- Blue (33%)



- Red (45%)
- Yellow (33%)
- Blue (33%)



- Cyan (0%)
- Magenta (28%)
- Yellow (27%)
- Black (55%)



- Cyan (55%)
- Magenta (67%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7637, 10.4714, 9.7887 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 11.7637, 10.4714, 9.7887 by changing the saturation by 10% instead.

■ 11.7637, 10.4714,
9.7887

■ 11.7637, 10.4714,
9.7887

196.6366,
194.0042, 199.5870

■ 6.6540, 5.7126,
5.1553

■ 28.6846, 26.6785,
25.9989

■ 3.2911, 2.6711,
2.2783

■ 41.2266, 38.8955,
38.4127

■ 1.3095, 0.9626,
0.7191

■ 56.9766, 54.3675,
54.2572

■ 0.1903, 0.0000,
0.0000

■ 76.3002, 73.4787,
73.9508

■ 0.0000, 0.0000,
0.0000

■ 99.5627, 96.6136,
97.9120

127.1293,

124.1565, 126.5594

159.3655,
156.4919, 160.3115

■ 11.7637, 10.4714,
9.7887

■ 11.7637, 10.4714,
9.7887

■ 10.5535, 8.6947,
7.4009

■ 13.1898, 12.5688,
12.5912

■ 9.5480, 7.2216,
5.4076

■ 14.8409, 15.0000,
15.8262

■ 8.7361, 6.0354,
3.7878


■ 16.7262, 17.7793,
19.5110


■ 8.1054, 5.1175,
2.5181


■ 18.8545, 20.9196,
23.6621

■ 7.6419, 4.4471,
1.5728


■ 21.2341, 24.4331,
28.2949

 7.3297, 3.9999,
0.9224

 23.8726, 28.3317,
33.4241

 7.1304, 3.7124,
0.5134

 26.7776, 32.6265,
39.0640

 7.0899, 3.6527,
0.4344

 29.9563, 37.3281,
45.2280

 33.4156, 42.4471,
51.9293

Harmonies

Analogous

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



11.8385, 10.4714, 12.4118



11.7637, 10.4714, 9.7887



11.1862, 10.4714, 7.9148

Triad

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



11.7637, 10.4714, 9.7887



8.6463, 10.4714, 8.3316



9.6139, 10.4714, 17.2886

Complementary

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



11.7637, 10.4714, 9.7887



12.7357, 15.3156, 18.2052

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.



8.8134, 10.4714, 15.7861



11.7637, 10.4714, 9.7887



8.2787, 10.4714, 10.4477

Square

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



11.7637, 10.4714, 9.7887



9.3724, 10.4714, 7.1698



8.3379, 10.4714, 13.1825



10.5566, 10.4714, 17.0374

Rectangle

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



11.7637, 10.4714, 9.7887



10.6131, 10.4714, 7.2114



8.3379, 10.4714, 13.1825



9.3203, 10.4714, 16.9635

Sweetspot

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



11.7640, 10.4719, 9.7889



26.4535, 26.6807, 28.1011



13.1188, 10.9977, 17.6510



6.2162, 6.2256, 6.5187



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.



11.7640, 10.4719, 9.7889



19.7108, 16.7619, 14.8581



12.9933, 12.9926, 10.0072



3.6881, 3.7025, 3.8846



8.1037, 4.1752, 0.4884



39.4312, 20.3226, 2.0682

Inverse Universe

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



11.7640, 10.4719, 9.7889



19.7108, 16.7619, 14.8581



11.2257, 12.2043, 17.9837



3.6881, 3.7025, 3.8846



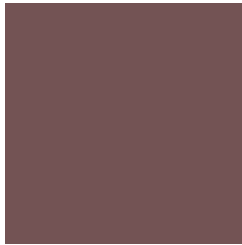
8.1037, 4.1752, 0.4884



39.4312, 20.3226, 2.0682

Previews

White Background



This preview shows how the XYZ color 11.7637, 10.4714, 9.7887 looks on a white background.

Color Contrast Check

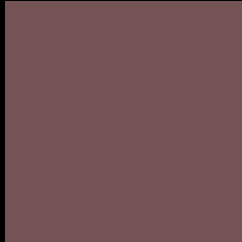
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7637, 10.4714, 9.7887 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 11.7637, 10.4714, 9.7887

Background



This preview shows how black text looks on a background with the XYZ color 11.7637, 10.4714, 9.7887.



This preview shows how white text looks on a background with the XYZ color 11.7637, 10.4714,

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

11.7637, 10.4714, 9.7887

Protanopia

10.1186, 10.5664, 10.7387

Deuteranopia

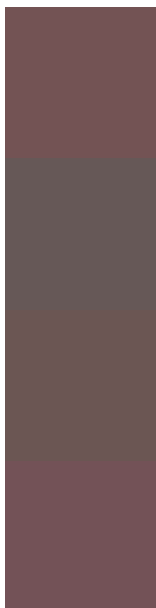
10.6446, 10.4875, 9.6469



Tritanopia

11.8907, 10.4007, 10.8320

Trichromacy



Original Color

11.7637, 10.4714, 9.7887

Protanomaly

10.6895, 10.4923, 10.4787

Deuteranomaly

10.9525, 10.4059, 9.6149

Tritanomaly

11.8078, 10.3675, 10.3956

Monochromacy



Original Color

11.7637, 10.4714, 9.7887

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.7847, 10.6496, 11.1600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7637, 10.4714, 9.7887 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, 83, 84)` looks like.

```
.text, #text, p{  
    color:rgb(115, 83, 84)  
}
```

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, 83, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 83, 84) }
```

Border

The CSS property to change the border of an element to XYZ 11.7637, 10.4714, 9.7887 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, 83, 84) }
```


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

```
.border{ border-color:rgb(115, 83, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 83, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 83, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 83, 84);  
box-shadow:4px 4px 4px 4px rgb(115, 83,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7637, 10.4714, 9.7887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 83, 84) }
```

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

```
.background{ background-color: rgb(115, 83,  
84) }
```

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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