

Converting Colors

XYZ(19.3809, 20.7417, 14.7497)

Have a look what the booklet for
XYZ(19.3809, 20.7417, 14.7497)
contains.

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Color

**XYZ(19.3859, 20.8091,
14.7992)**

Conversions

Conversions Part 1

Format	Color
Hex	857E63
RGB	133, 126, 99
RGB Percent	52%, 49%, 39%
CMY	0.4784, 0.5059, 0.6118
CMYK	0.00, 0.05, 0.26, 0.48
HSL	48°, 15%, 45%
HSV	48°, 26%, 52%
XYZ	19.3859, 20.8091, 14.7992
YIQ	125.0150, 12.8390, -6.9130

Conversions

Conversions Part 2

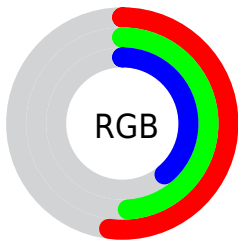
Format	Color
R_{YB}	108, 133, 99
Decimal	8748643
CIE _{Lab}	52.74, -1.97, 15.69
CIE _{LCh}	53, 15.810, 97.170
Yxy	20.8091, 0.3525, 0.3784
Android (android.graphics.Color)	4286938723 (0xFF857E63)
YUV	125.0150, -12.8254, 7.0028
Hunter-Lab	45.6170, -3.9724, 12.6969

Details


The XYZ color **19.3859, 20.8091, 14.7992** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.5333, 14.6540, 24.2531**, and the grayscale version is **19.5373, 20.5547, 22.3841**.


A 20% lighter version of the original color is **41.8748, 44.8813, 35.3101**, and **6.8410, 7.3947, 4.3156** is the 20% darker color. If you saturate the color by 10%, you get **18.4567, 19.8857, 11.6066**, and if you desaturate by 10%, it is **20.4305, 21.7954, 18.5475**.

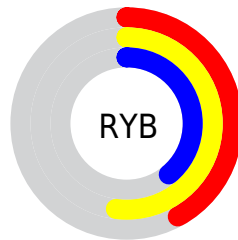
Distribution



 Red (52%)

 Green (49%)

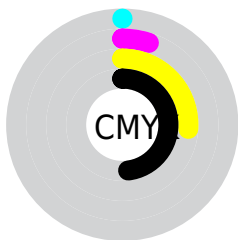
 Blue (39%)



 Red (42%)

 Yellow (52%)

 Blue (39%)

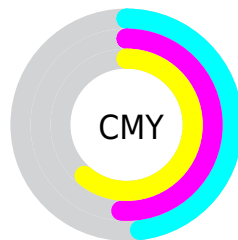



 Cyan (0%)

 Magenta (5%)

 Yellow (26%)

 Black (48%)



 Cyan (48%)

 Magenta (51%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3859, 20.8091, 14.7992 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 19.3859, 20.8091, 14.7992 by changing the saturation by 10% instead.

■ 19.3859, 20.8091,
14.7992

■ 19.3859, 20.8091,
14.7992

241.4684,
256.2622, 233.7464

■ 12.0551, 12.9845,
8.5335

■ 41.8970, 44.7696,
35.2378

■ 6.8537, 7.4179,
4.3456

■ 57.8081, 61.6743,
50.2479

■ 3.4163, 3.7248,
1.8168

■ 77.3099, 82.3746,
69.0098

■ 1.3775, 1.5208,
0.4390

■ 100.7679,
107.2547, 91.9421

■ 0.2401, 0.3033,
0.0000

128.5473,
136.6992, 119.4634

■ 0.0000, 0.0000,
0.0000

161.0137,

171.0923, 151.9922

198.5322,
210.8185, 189.9470

■ 19.3859, 20.8091,
14.7992

■ 19.3859, 20.8091,
14.7992

■ 18.4567, 19.8857,
11.6066

■ 20.4305, 21.7954,
18.5475

■ 17.6361, 19.0202,
8.9415

■ 21.5938, 22.8439,
22.8753

■ 16.9189, 18.2112,
6.7748

■ 22.8808, 23.9575,
27.8066

■ 16.2991, 17.4562,
5.0746

■ 24.2959, 25.1380,
33.3639

■ 15.7698, 16.7521,
3.8048

■ 25.8430, 26.3871,
39.5683

■ 15.3229, 16.0957,
2.9243

■ 27.5262, 27.7065,
46.4398

■ 14.9466, 15.4821,
2.3700

■ 29.3492, 29.0979,
53.9978

■ 14.7888, 15.2182,
2.1580

■ 31.3154, 30.5627,
62.2609

■ 33.4285, 32.1024,
71.2467

Harmonies

Analogous

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



21.0325, 20.8091, 15.2858



19.3859, 20.8091, 14.7992



17.9265, 20.8091, 16.1730

Triad

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



19.3859, 20.8091, 14.7992



17.3613, 20.8091, 28.5893



22.8423, 20.8091, 26.3610

Complementary

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



19.3859, 20.8091, 14.7992



14.5333, 14.6540, 24.2531

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.



21.7536, 20.8091, 30.6783



19.3859, 20.8091, 14.7992



18.5752, 20.8091, 32.0843

Square

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



19.3859, 20.8091, 14.7992



16.8005, 20.8091, 23.8082



20.1762, 20.8091, 32.8974



23.0890, 20.8091, 21.5446

Rectangle

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



19.3859, 20.8091, 14.7992



17.2355, 20.8091, 18.0886



20.1762, 20.8091, 32.8974



22.5599, 20.8091, 27.9377

Sweetspot

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



19.3864, 20.8100, 14.7996



38.1032, 40.4057, 38.8325



16.7556, 14.9588, 15.7404



8.5206, 9.0460, 8.5103



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.3864, 20.8100, 14.7996



33.6707, 36.2370, 22.8767



18.8609, 21.9142, 15.0405



4.9605, 5.2647, 4.9841



14.0922, 14.5070, 2.0574



0.0539, 0.0604, 0.0088

Inverse Universe

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



14.5333, 14.6540, 24.2531



23.3556, 23.1550, 42.9768



14.9574, 13.8454, 24.0746



4.5064, 4.6885, 5.8682



4.4192, 2.3862, 21.3644



0.0197, 0.0170, 0.0755

Previews

White Background



This preview shows how the XYZ color 19.3859, 20.8091, 14.7992 looks on a white background.

Color Contrast Check

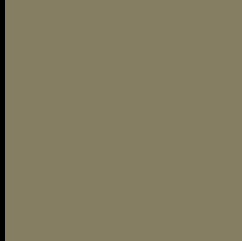
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.3859, 20.8091, 14.7992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

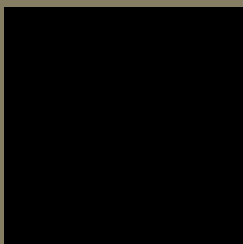
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3859, 20.8091, 14.7992

Background



This preview shows how black text looks on a background with the XYZ color 19.3859, 20.8091, 14.7992.



This preview shows how white text looks on a background with the XYZ color 19.3859, 20.8091,

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

19.3859, 20.8091, 14.7992

Protanopia

19.5445, 20.8909, 14.8066

Deuteranopia

21.1702, 20.7979, 14.9552



Tritanopia

21.3728, 20.8761, 24.3758

Trichromacy



Original Color

19.3859, 20.8091, 14.7992

Protanomaly

19.5445, 20.8909, 14.8066

Deuteranomaly

20.5385, 20.8368, 14.9960

Tritanomaly

20.5661, 20.7321, 20.3705

Monochromacy



Original Color

19.3859, 20.8091, 14.7992

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.3881, 20.5174, 19.4614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3859, 20.8091, 14.7992 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(133, 126, 99)` looks like.

```
.text, #text, p{  
    color:rgb(133, 126, 99)  
}
```

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(133, 126, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 126, 99) }
```

Border

The CSS property to change the border of an element to XYZ 19.3859, 20.8091, 14.7992 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(133, 126, 99) }
```


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

```
.border{ border-color:rgb(133, 126, 99) }
```

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

Here you see how a box with a 4 pixel rgb(133, 126, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 126, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 126, 99);  
box-shadow:4px 4px 4px 4px rgb(133, 126,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3859, 20.8091, 14.7992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 126, 99) }
```

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

```
.background{ background-color: rgb(133,  
126, 99) }
```

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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