

Converting Colors

XYZ(10.4199, 10.7329, 9.9007)

Have a look what the booklet for
XYZ(10.4199, 10.7329, 9.9007)
contains.

XYZ(10.3783, 10.7189, 9.9095)	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(10.3783, 10.7189,
9.9095)**

Conversions

Conversions Part 1

Format	Color
Hex	625B54
RGB	98, 91, 84
RGB Percent	38%, 36%, 33%
CMY	0.6157, 0.6431, 0.6706
CMYK	0.00, 0.07, 0.14, 0.62
HSL	30°, 8%, 36%
HSV	30°, 14%, 38%
XYZ	10.3783, 10.7189, 9.9095
YIQ	92.2950, 6.4190, -0.6930

Conversions

Conversions Part 2

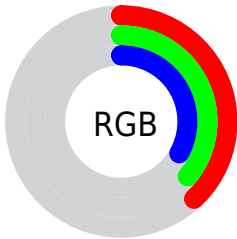
Format	Color
RYB	98, 98, 84
Decimal	6445908
CIELab	39.10, 1.47, 5.04
CIELCh	39, 5.253, 73.751
Yxy	10.7189, 0.3347, 0.3457
Android (android.graphics.Color)	4284635988 (0xFF625B54)
YUV	92.2950, -4.0894, 5.0033
Hunter-Lab	32.7397, -0.7111, 4.9722

Details

The XYZ color **10.3783, 10.7189, 9.9095** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.6018, 10.2487, 13.0275**, and the grayscale version is **10.2491, 10.7828, 11.7425**.

A 20% lighter version of the original color is **26.1529, 27.1328, 26.0490**, and **2.6698, 2.7271, 2.3051** is the 20% darker color. If you saturate the color by 10%, you get **9.6159, 9.7660, 7.8923**, and if you desaturate by 10%, it is **11.2223, 11.7490, 12.2192**.

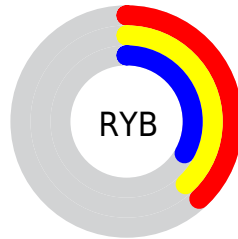
Distribution



 Red (38%)

 Green (36%)

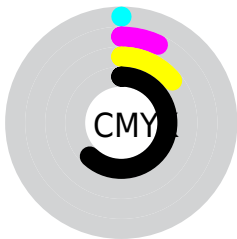
 Blue (33%)



 Red (38%)

 Yellow (38%)

 Blue (33%)

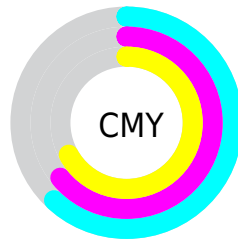


 Cyan (0%)

 Magenta (7%)

 Yellow (14%)

 Black (62%)



 Cyan (62%)

 Magenta (64%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3783, 10.7189, 9.9095 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 10.3783, 10.7189, 9.9095 by changing the saturation by 10% instead.

■ 10.3783, 10.7189,
9.9095

■ 10.3783, 10.7189,
9.9095

187.3489,
195.7287, 200.4862

■ 5.7147, 5.8781,
5.2342

■ 26.1479, 27.1392,
26.2303

■ 2.7114, 2.7711,
2.3242

■ 37.9846, 39.4875,
38.7128

■ 1.0030, 1.0134,
0.7447

■ 52.9431, 55.1071,
54.6349

■ 0.0000, 0.0000,
0.0000

■ 71.3886, 74.3825,
74.4149

■ 93.6866, 97.6979,
98.4715

120.2024,

125.4378, 127.2233

151.3014,
157.9866, 161.0887

■ 10.3783, 10.7189,
9.9095

■ 10.3783, 10.7189,
9.9095

■ 9.6159, 9.7660,
7.8923

■ 11.2223, 11.7490,
12.2192

■ 8.9316, 8.8868,
6.1551

■ 12.1498, 12.8566,
14.8319

■ 8.3227, 8.0799,
4.6854

■ 13.1633, 14.0441,
17.7584

■ 7.7861, 7.3431,
3.4695

■ 14.2654, 15.3130,
21.0088

■ 7.3185, 6.6742,
2.4927

■ 15.4582, 16.6651,
24.5926

■ 6.9162, 6.0707,
1.7383

■ 16.7440, 18.1020,
28.5192

■ 6.5750, 5.5301,
1.1879

■ 18.1247, 19.6251,
32.7973

■ 6.2874, 5.0482,
0.8039

■ 19.6026, 21.2361,
37.4355

■ 6.1359, 4.7944,
0.6020

■ 21.1795, 22.9364,
42.4420

Harmonies

Analogous

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



10.6841, 10.7189, 10.3829



10.3783, 10.7189, 9.9095



10.0282, 10.7189, 9.8899

Triad

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



10.3783, 10.7189, 9.9095



9.5454, 10.7189, 12.1373



10.6626, 10.7189, 13.1260

Complementary

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



10.3783, 10.7189, 9.9095



9.6018, 10.2487, 13.0275

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.



10.3495, 10.7189, 13.6542



10.3783, 10.7189, 9.9095



9.7075, 10.7189, 13.0615

Square

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



10.3783, 10.7189, 9.9095



9.5528, 10.7189, 11.1377



10.0000, 10.7189, 13.6299



10.8508, 10.7189, 12.2211

Rectangle

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



10.3783, 10.7189, 9.9095



9.8171, 10.7189, 10.1344



10.0000, 10.7189, 13.6299



10.5682, 10.7189, 13.3557

Sweetspot

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



10.3786, 10.7194, 9.9097



19.6921, 20.6203, 21.4848



10.0958, 9.6928, 11.2365



4.6599, 4.8762, 5.0489



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



10.3786, 10.7194, 9.9097



17.7418, 18.2322, 16.1721



11.0050, 11.9722, 10.1185



2.6656, 2.7745, 2.7392



8.1273, 6.2973, 0.7872



42.5356, 31.8771, 3.9110

Inverse Universe

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



9.6018, 10.2487, 13.0275



16.1082, 17.2423, 22.7290



9.0313, 9.1075, 12.8373



2.5427, 2.7000, 3.2324



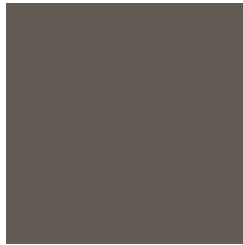
4.3541, 4.0110, 15.9324



22.3784, 19.6629, 84.8205

Previews

White Background



This preview shows how the XYZ color 10.3783, 10.7189, 9.9095 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 10.3783, 10.7189, 9.9095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

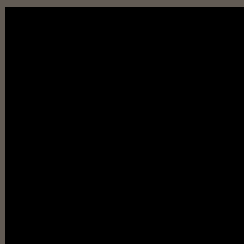
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

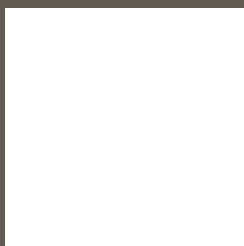
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.3783, 10.7189, 9.9095

Background



This preview shows how black text looks on a background with the XYZ color 10.3783, 10.7189, 9.9095.

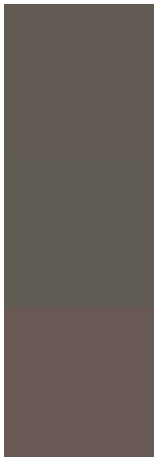


This preview shows how white text looks on a background with the XYZ color 10.3783, 10.7189,

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

10.3783, 10.7189, 9.9095

Protanopia

10.2512, 10.7812, 9.9282

Deuteranopia

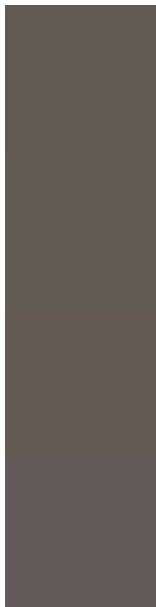
10.8815, 10.7279, 9.8847



Tritanopia

10.9392, 10.6986, 12.5548

Trichromacy



Original Color

10.3783, 10.7189, 9.9095

Protanomaly

10.3571, 10.8358, 9.9331

Deuteranomaly

10.7359, 10.7772, 9.9019

Tritanomaly

10.7335, 10.7377, 11.6321

Monochromacy



Original Color

10.3783, 10.7189, 9.9095

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.2464, 10.7552, 10.9871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3783, 10.7189, 9.9095 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(98, 91, 84) looks like.

```
.text, #text, p{  
    color:rgb(98, 91, 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(98, 91, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 91, 84) }
```

Border

The CSS property to change the border of an element to XYZ 10.3783, 10.7189, 9.9095 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(98, 91, 84) }
```


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

```
.border{ border-color:rgb(98, 91, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 91, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 91, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 91, 84);  
box-shadow:4px 4px 4px 4px rgb(98, 91, 84)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.3783, 10.7189, 9.9095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 91, 84) }
```

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

```
.background{ background-color: rgb(98, 91,  
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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