

Converting Colors

XYZ(8.9733, 10.4341, 1.6559)

Have a look what the booklet for
XYZ(8.9733, 10.4341, 1.6559)
contains.

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Color

**XYZ(8.9733, 10.4341,
1.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	625D04
RGB	98, 93, 4
RGB Percent	38%, 36%, 2%
CMY	0.6157, 0.6353, 0.9843
CMYK	0.00, 0.05, 0.96, 0.62
HSL	57°, 92%, 20%
HSV	57°, 96%, 38%
XYZ	8.9733, 10.4341, 1.6559
YIQ	84.3490, 31.5490, -26.6190

Conversions

Conversions Part 2

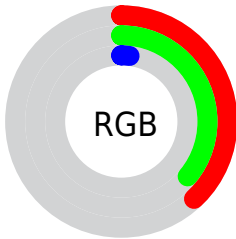
Format	Color
R_YB	9, 98, 4
Decimal	6446340
CIE Lab	38.61, -7.72, 44.60
CIE LCh	39, 45.268, 99.818
Yxy	10.4341, 0.4260, 0.4954
Android (android.graphics.Color)	4284636420 (0xFF625D04)
YUV	84.3490, -39.6121, 11.9719
Hunter-Lab	32.3019, -6.9418, 19.5719

Details

The XYZ color **8.9733, 10.4341, 1.6559** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.3525, 1.1031, 11.6443**, and the grayscale version is **8.5744, 9.0209, 9.8238**.

A 20% lighter version of the original color is **23.5608, 26.6361, 8.0372**, and **2.1888, 2.6374, 0.3937** is the 20% darker color. If you saturate the color by 10%, you get **8.9329, 10.3885, 1.5344**, and if you desaturate by 10%, it is **9.0754, 10.5488, 1.9663**.

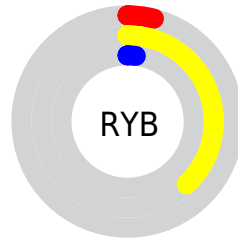
Distribution



Red (38%)

Green (36%)

Blue (2%)



Red (4%)

Yellow (38%)

Blue (2%)

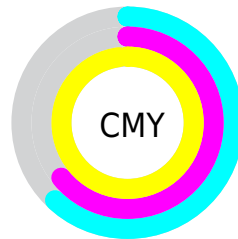


Cyan (0%)

Magenta (5%)

Yellow (96%)

Black (62%)



Cyan (62%)


Magenta (64%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 8.9733, 10.4341, 1.6559 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 8.9733, 10.4341, 1.6559 by changing the saturation by 10% instead.


 8.9733, 10.4341,
1.6559


 8.9733, 10.4341,
1.6559


 177.3899,
193.7429, 116.7816


 4.7807, 5.6877,
0.3302

 23.5132, 26.6089,
8.0767


 2.1526, 2.6561,
0.0000


 34.5912, 38.8060,
14.1378

 0.7176, 0.9550,
0.0000

 48.6951, 54.2556,
22.6574

 0.0000, 0.0000,
0.0000


 66.1902, 73.3419,
34.0540


 87.4418, 96.4494,
48.7462


 112.8154,


123.9625, 67.1525


 142.6763,
156.2655, 89.6914


 8.9733, 10.4341,
1.6559


 8.9733, 10.4341,
1.6559


 8.9329, 10.3885,
1.5344

 9.0754, 10.5488,
1.9663

 9.2045, 10.6743,
2.4180

 9.3704, 10.8152,
3.0624

 9.5769, 10.9727,
3.9184

 9.8269, 11.1481,
5.0026

■ 10.1234, 11.3427,
6.3298

■ 10.4690, 11.5573,
7.9138

■ 10.8660, 11.7931,
9.7672

■ 11.3167, 12.0508,
11.9018

Harmonies

Analogous

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



12.0251, 10.4341, 1.8773



8.9733, 10.4341, 1.6559



6.6861, 10.4341, 2.8506

Triad

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



8.9733, 10.4341, 1.6559



6.1398, 10.4341, 25.4158



16.3153, 10.4341, 18.0038

Complementary

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



8.9733, 10.4341, 1.6559



2.3525, 1.1031, 11.6443

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.



14.0508, 10.4341, 29.1666



8.9733, 10.4341, 1.6559



8.0714, 10.4341, 34.7253

Square

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



8.9733, 10.4341, 1.6559



5.2804, 10.4341, 14.3905



10.9253, 10.4341, 36.3640



16.6909, 10.4341, 8.7896

Rectangle

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



8.9733, 10.4341, 1.6559



5.7480, 10.4341, 4.9536



10.9253, 10.4341, 36.3640



15.7310, 10.4341, 21.7507

Sweetspot

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



8.9735, 10.4346, 1.6561



18.0964, 20.1005, 12.7164



5.1368, 2.7061, 0.5465



4.2595, 4.7517, 2.8307



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.



8.9735, 10.4346, 1.6561



15.6305, 18.1575, 2.6809



6.0923, 9.6220, 1.6511



2.7523, 2.9479, 2.7681



11.8858, 13.8143, 2.0400



63.2902, 73.3864, 10.8292

Inverse Universe

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



2.3525, 1.1031, 11.6443



3.9370, 1.6925, 20.3691



3.3187, 1.5207, 11.6739



2.4602, 2.5350, 3.2049



3.0005, 1.3038, 15.4812



15.8243, 6.5548, 82.6358

Previews

White Background



This preview shows how the XYZ color 8.9733, 10.4341, 1.6559 looks on a white background.

Color Contrast Check

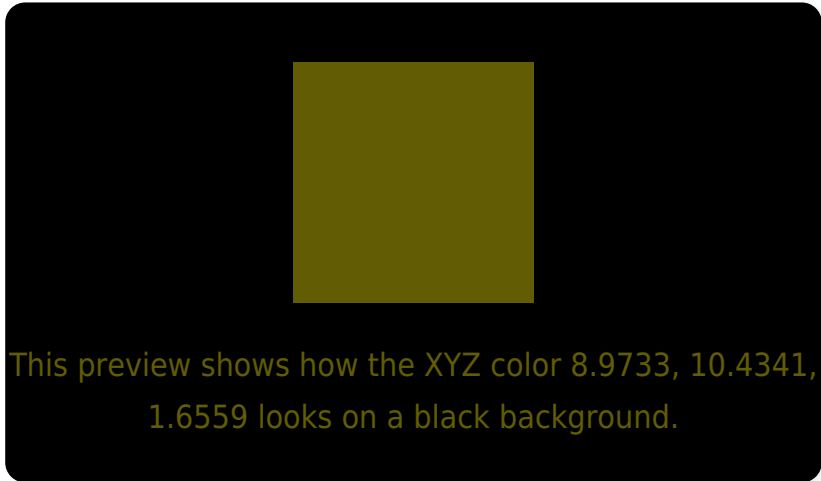
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

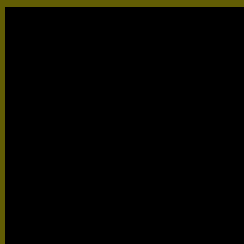
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 8.9733, 10.4341, 1.6559

Background



This preview shows how black text looks on a background with the XYZ color 8.9733, 10.4341, 1.6559.

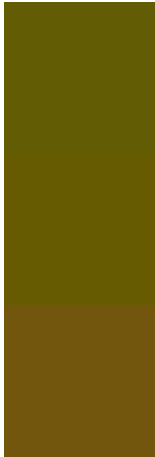


This preview shows how white text looks on a background with the XYZ color 8.9733, 10.4341,

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

8.9733, 10.4341, 1.6559

Protanopia

9.3456, 10.3701, 1.5665

Deuteranopia

10.4773, 10.3321, 1.8576



Tritanopia

11.0125, 10.3889, 11.7808

Trichromacy



Original Color

8.9733, 10.4341, 1.6559

Protanomaly

9.2104, 10.4276, 1.6134

Deuteranomaly

9.9338, 10.4179, 1.7744

Tritanomaly

9.8942, 10.3065, 5.8827

Monochromacy



Original Color

8.9733, 10.4341, 1.6559

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

8.2176, 9.2161, 4.9602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.9733, 10.4341, 1.6559 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, 93, 4)` looks like.

```
.text, #text, p{  
    color:rgb(98, 93, 4)  
}
```

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, 93, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 93, 4) }
```

Border

The CSS property to change the border of an element to XYZ 8.9733, 10.4341, 1.6559 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, 93, 4) }
```


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

```
.border{ border-color:rgb(98, 93, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 93, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 93, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(98, 93, 4); box-shadow:4px  
4px 4px 4px rgb(98, 93, 4) }
```

Background

The CSS property to change the background color of an element to XYZ 8.9733, 10.4341, 1.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 93, 4) }
```

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

```
.background{ background-color: rgb(98, 93,  
4) }
```

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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