

Converting Colors

XYZ(9.3741, 10.4903, 0.1384)

Have a look what the booklet for
XYZ(9.3741, 10.4903, 0.1384)
contains.

XYZ(9.6528, 10.6575, 1.5484)	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(9.6528, 10.6575,
1.5484)**

Conversions

Conversions Part 1

Format	Color
Hex	695C00
RGB	105, 92, 0
RGB Percent	41%, 36%, 0%
CMY	0.5882, 0.6392, 1.0000
CMYK	0.00, 0.12, 1.00, 0.59
HSL	53°, 100%, 21%
HSV	53°, 100%, 41%
XYZ	9.6528, 10.6575, 1.5484
YIQ	85.3990, 37.2800, -25.8560

Conversions

Conversions Part 2

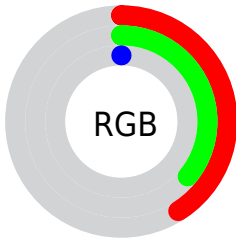
Format	Color
R_{YB}	15, 105, 0
Decimal	6904832
CIE _{Lab}	39.00, -3.78, 46.37
CIE _{LCh}	39, 46.522, 94.660
Yxy	10.6575, 0.4416, 0.4876
Android (android.graphics.Color)	4285094912 (0xFF695C00)
YUV	85.3990, -42.1017, 17.1901
Hunter-Lab	32.6458, -4.3509, 20.0399

Details

The XYZ color **9.6528, 10.6575, 1.5484** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.6938, 1.3079, 13.4749**, and the grayscale version is **8.7991, 9.2573, 10.0812**.

A 20% lighter version of the original color is **24.9087, 27.1150, 7.7918**, and **2.4847, 2.7899, 0.4075** is the 20% darker color. If you saturate the color by 10%, you get **9.6529, 10.6579, 1.5484**, and if you desaturate by 10%, it is **9.8242, 10.9082, 1.8895**.

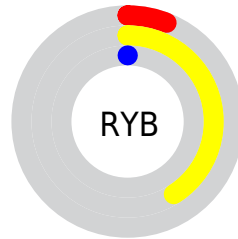
Distribution



Red (41%)

Green (36%)

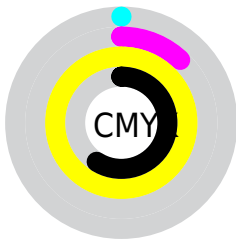
Blue (0%)



Red (6%)

Yellow (41%)

Blue (0%)

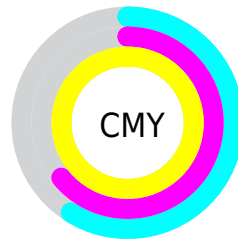


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.6528, 10.6575, 1.5484 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 9.6528, 10.6575, 1.5484 by changing the saturation by 10% instead.

9.6528, 10.6575,
1.5484

9.6528, 10.6575,
1.5484

182.2817,
195.3025, 114.9154

5.2299, 5.8370,
0.2536

24.7960, 27.0251,
7.7647

2.4189, 2.7462,
0.0000

36.2470, 39.3409,
13.6836

0.8545, 1.0007,
0.0000

50.7714, 54.9241,
22.0344


0.0000, 0.0000,
0.0000


68.7345, 74.1589,
33.2356


90.5018, 97.4297,
47.7057


116.4385,


125.1210, 65.8634


 146.9100,
157.6171, 88.1271


 9.6528, 10.6575,
1.5484


 9.6528, 10.6575,
1.5484


 9.6529, 10.6579,
1.5484

 9.8242, 10.9082,
1.8895

 10.0175, 11.1703,
2.3379

 10.2536, 11.4527,
3.0017

 10.5370, 11.7571,
3.9050

 10.8717, 12.0852,
5.0686

■ 11.2611, 12.4384,
6.5108

■ 11.7085, 12.8180,
8.2486

■ 12.2169, 13.2251,
10.2975

■ 12.7890, 13.6609,
12.6718

Harmonies

Analogous

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



12.9024, 10.6575, 2.0008



9.6528, 10.6575, 1.5484



7.1025, 10.6575, 2.4622

Triad

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



9.6528, 10.6575, 1.5484



5.9734, 10.6575, 24.2799



16.5321, 10.6575, 20.5565

Complementary

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



9.6528, 10.6575, 1.5484



2.6938, 1.3079, 13.4749

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.



13.9139, 10.6575, 32.0851



9.6528, 10.6575, 1.5484



7.7856, 10.6575, 34.8970

Square

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



9.6528, 10.6575, 1.5484



5.2724, 10.6575, 13.0479



10.6219, 10.6575, 38.3087



17.3121, 10.6575, 10.2712

Rectangle

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



9.6528, 10.6575, 1.5484



6.0020, 10.6575, 4.2633



10.6219, 10.6575, 38.3087



15.8148, 10.6575, 24.5525

Sweetspot

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



9.6530, 10.6580, 1.5486



20.8920, 22.8915, 14.4781



5.9050, 3.0351, 0.6903



4.8349, 5.3131, 3.1599



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



9.6530, 10.6580, 1.5486



17.2272, 18.9688, 2.7534



7.3323, 11.2788, 1.7908



3.3028, 3.5228, 3.3233



12.2049, 13.4595, 1.9547



61.7592, 67.7220, 9.8166

Inverse Universe

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



2.6938, 1.3079, 13.4749



4.7669, 2.2286, 24.1100



3.3679, 1.4418, 13.4652



2.9759, 3.0800, 3.8725



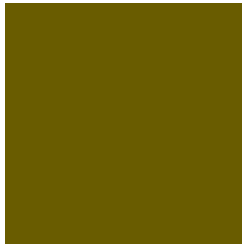
3.3927, 1.6197, 17.0561



16.9229, 7.5243, 86.7866

Previews

White Background



This preview shows how the XYZ color 9.6528, 10.6575, 1.5484 looks on a white background.

Color Contrast Check

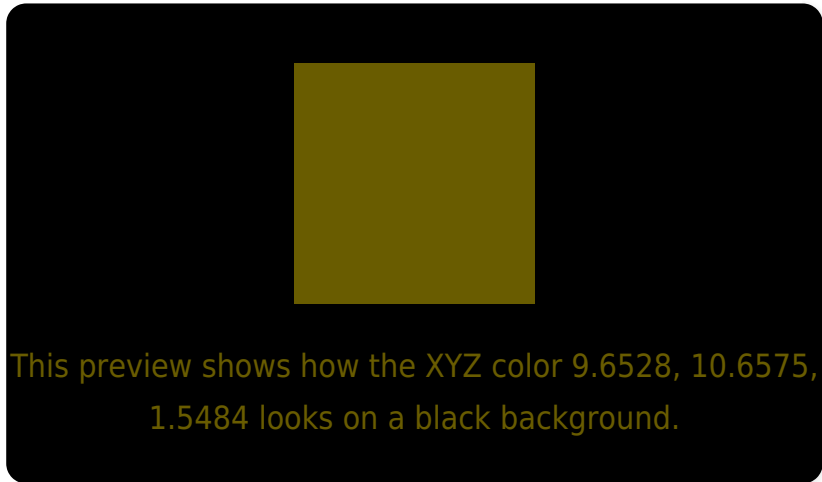
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.6528, 10.6575, 1.5484

Background



This preview shows how black text looks on a background with the XYZ color 9.6528, 10.6575, 1.5484.

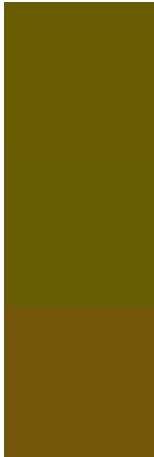


This preview shows how white text looks on a background with the XYZ color 9.6528, 10.6575,

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

9.6528, 10.6575, 1.5484

Protanopia

9.5470, 10.6017, 1.6006

Deuteranopia

10.6711, 10.5536, 1.7912



Tritanopia

11.6900, 10.7433, 11.5827

Trichromacy



Original Color

9.6528, 10.6575, 1.5484

Protanomaly

9.5415, 10.5995, 1.5717

Deuteranomaly

10.2928, 10.6048, 1.7055

Tritanomaly

10.4635, 10.4834, 5.6097

Monochromacy



Original Color

9.6528, 10.6575, 1.5484

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

8.5692, 9.5211, 4.8761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.6528, 10.6575, 1.5484 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(105, 92, 0)` looks like.

```
.text, #text, p{  
    color:rgb(105, 92, 0)  
}
```

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(105, 92, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 92, 0) }
```

Border

The CSS property to change the border of an element to XYZ 9.6528, 10.6575, 1.5484 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(105, 92, 0) }
```


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

```
.border{ border-color:rgb(105, 92, 0) }
```

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

Here you see how a box with a 4 pixel rgb(105, 92, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 92, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 92, 0);  
box-shadow:4px 4px 4px 4px rgb(105, 92, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.6528, 10.6575, 1.5484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 92, 0) }
```

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

```
.background{ background-color: rgb(105, 92,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor