

Converting Colors

XYZ(9.5540, 10.5682, 1.7489)

Have a look what the booklet for
XYZ(9.5540, 10.5682, 1.7489)
contains.

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Color

**XYZ(9.5744, 10.6127,
1.7448)**

Conversions

Conversions Part 1

Format	Color
Hex	685C07
RGB	104, 92, 7
RGB Percent	41%, 36%, 3%
CMY	0.5922, 0.6392, 0.9725
CMYK	0.00, 0.12, 0.93, 0.59
HSL	53°, 87%, 22%
HSV	53°, 93%, 41%
XYZ	9.5744, 10.6127, 1.7448
YIQ	85.8980, 34.4370, -23.8910

Conversions

Conversions Part 2

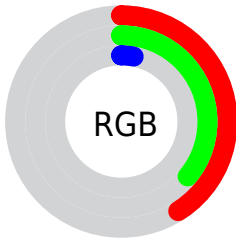
Format	Color
R_{YB}	21, 104, 7
Decimal	6839303
CIE Lab	38.92, -4.08, 44.27
CIE LCh	39, 44.455, 95.266
Yxy	10.6127, 0.4366, 0.4839
Android (android.graphics.Color)	4285029383 (0xFF685C07)
YUV	85.8980, -38.8967, 15.8755
Hunter-Lab	32.5771, -4.5490, 19.6285

Details

The XYZ color **9.5744, 10.6127, 1.7448** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.8192, 1.5104, 13.2395**, and the grayscale version is **8.8988, 9.3623, 10.1955**.

A 20% lighter version of the original color is **24.6159, 26.9520, 8.3197**, and **2.4847, 2.7899, 0.4075** is the 20% darker color. If you saturate the color by 10%, you get **9.4617, 10.4486, 1.5181**, and if you desaturate by 10%, it is **9.7530, 10.8644, 2.1300**.

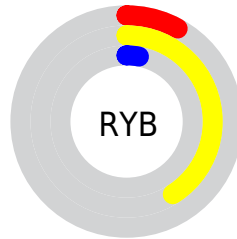
Distribution



Red (41%)

Green (36%)

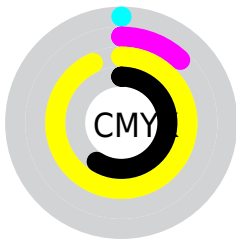
Blue (3%)



Red (8%)

Yellow (41%)

Blue (3%)

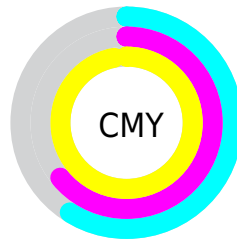


Cyan (0%)

Magenta (12%)

Yellow (93%)

Black (59%)



Cyan (59%)


Magenta (64%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 9.5744, 10.6127, 1.7448 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 9.5744, 10.6127, 1.7448 by changing the saturation by 10% instead.


 9.5744, 10.6127,
1.7448


 9.5744, 10.6127,
1.7448


 181.7248,
194.9908, 118.2790


 5.1778, 5.8070,
0.3912

 24.6489, 26.9417,
8.3306


 2.3878, 2.7281,
0.0000


 36.0574, 39.2339,
14.5059

 0.8390, 0.9915,
0.0000

 50.5340, 54.7903,
23.1608

 0.0000, 0.0000,
0.0000


 68.4440, 73.9955,
34.7139


 90.1527, 97.2337,
49.5837


 116.0255,


124.8894, 68.1889


 146.4277,
157.3470, 90.9478


 9.5744, 10.6127,
1.7448


 9.5744, 10.6127,
1.7448


 9.4617, 10.4486,
1.5181

 9.7530, 10.8644,
2.1300

 9.9702, 11.1341,
2.7099

 10.2323, 11.4248,
3.5168

 10.5433, 11.7382,
4.5720

 10.9068, 12.0757,
5.8940

■ 11.3260, 12.4385,
7.4999

■ 11.8039, 12.8280,
9.4051

■ 12.3432, 13.2451,
11.6241

■ 12.9464, 13.6910,
14.1703

Harmonies

Analogous

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



12.6565, 10.6127, 2.1807



9.5744, 10.6127, 1.7448



7.1488, 10.6127, 2.7100

Triad

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



9.5744, 10.6127, 1.7448



6.1222, 10.6127, 23.7297



16.1790, 10.6127, 19.7902

Complementary

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



9.5744, 10.6127, 1.7448



2.8192, 1.5104, 13.2395

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.



13.7368, 10.6127, 30.5883



9.5744, 10.6127, 1.7448



7.8913, 10.6127, 33.5367

Square

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



9.5744, 10.6127, 1.7448



5.4205, 10.6127, 13.1145



10.6177, 10.6127, 36.5191



16.8700, 10.6127, 10.1251

Rectangle

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



9.5744, 10.6127, 1.7448



6.1005, 10.6127, 4.5417



10.6177, 10.6127, 36.5191



15.5151, 10.6127, 23.5301

Sweetspot

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



9.5746, 10.6132, 1.7450



20.2332, 22.1227, 14.5884



5.9106, 3.1453, 0.9544



4.8714, 5.3438, 3.3021



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.



9.5746, 10.6132, 1.7450



16.5456, 18.2229, 2.6453



7.4029, 11.1605, 1.9651



3.0129, 3.2132, 3.0359



11.6483, 12.8497, 1.8663



60.3197, 66.1532, 9.5897

Inverse Universe

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



2.8192, 1.5104, 13.2395



4.5798, 2.1456, 23.1498



3.5529, 1.6558, 13.2289



2.7176, 2.8133, 3.5317



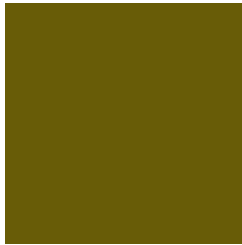
3.2398, 1.5513, 16.2730



16.5279, 7.3524, 84.7494

Previews

White Background



This preview shows how the XYZ color 9.5744, 10.6127, 1.7448 looks on a white background.

Color Contrast Check

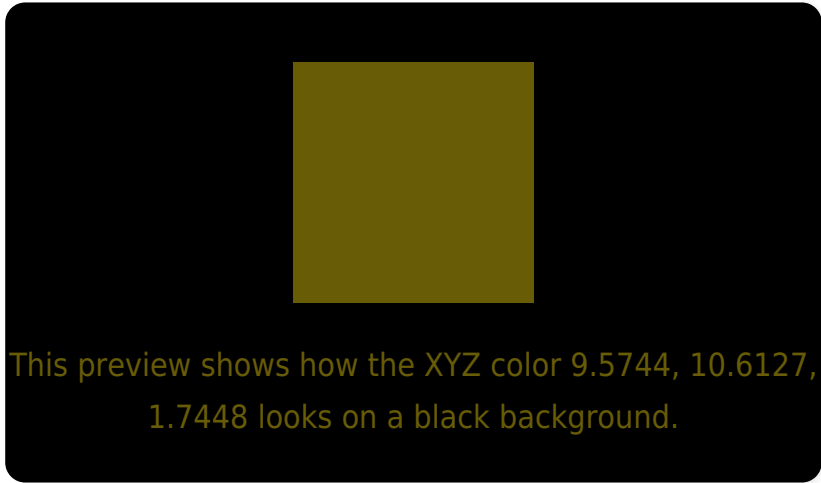
Large Text (above 18pt) WCAG AA ✓ Pass

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

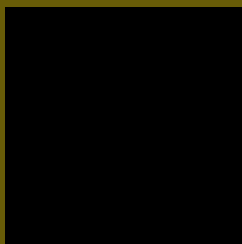
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 9.5744, 10.6127, 1.7448

Background



This preview shows how black text looks on a background with the XYZ color 9.5744, 10.6127, 1.7448.



This preview shows how white text looks on a background with the XYZ color 9.5744, 10.6127,

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

9.5744, 10.6127, 1.7448

Protanopia

9.5744, 10.6127, 1.7448

Deuteranopia

10.6833, 10.5585, 1.8557



Tritanopia

11.5662, 10.6795, 11.5770

Trichromacy



Original Color

9.5744, 10.6127, 1.7448

Protanomaly

9.5744, 10.6127, 1.7448

Deuteranomaly

10.3149, 10.6137, 1.8216

Tritanomaly

10.3954, 10.4422, 5.8825

Monochromacy



Original Color

9.5744, 10.6127, 1.7448

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

8.7424, 9.6020, 5.2635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5744, 10.6127, 1.7448 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(104, 92, 7)` looks like.

```
.text, #text, p{  
    color:rgb(104, 92, 7)  
}
```

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(104, 92, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 92, 7) }
```

Border

The CSS property to change the border of an element to XYZ 9.5744, 10.6127, 1.7448 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(104, 92, 7) }
```


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

```
.border{ border-color:rgb(104, 92, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 92, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 92, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 92, 7);  
box-shadow:4px 4px 4px 4px rgb(104, 92, 7)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.5744, 10.6127, 1.7448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 92, 7) }
```

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

```
.background{ background-color: rgb(104, 92,  
7) }
```

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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