

Converting Colors

XYZ(10.4730, 10.8472, 1.1608)

Have a look what the booklet for
XYZ(10.4730, 10.8472, 1.1608)
contains.

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Color

**XYZ(10.5956, 10.8897,
1.5435)**

Conversions

Conversions Part 1

Format	Color
Hex	725A00
RGB	114, 90, 0
RGB Percent	45%, 35%, 0%
CMY	0.5529, 0.6470, 1.0000
CMYK	0.00, 0.21, 1.00, 0.55
HSL	47°, 100%, 22%
HSV	47°, 100%, 45%
XYZ	10.5956, 10.8897, 1.5435
YIQ	86.9160, 43.1940, -22.9020

Conversions

Conversions Part 2

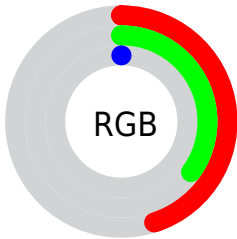
Format	Color
R_YB	30, 114, 0
Decimal	7494144
CIE Lab	39.39, 1.87, 47.10
CIE LCh	39, 47.140, 87.725
Yxy	10.8897, 0.4601, 0.4729
Android (android.graphics.Color)	4285684224 (0xFF725A00)
YUV	86.9160, -42.8496, 23.7527
Hunter-Lab	32.9995, -0.4359, 20.3265

Details

The XYZ color **10.5956, 10.8897, 1.5435** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.3640, 1.8683, 16.1028**, and the grayscale version is **9.1242, 9.5993, 10.4537**.

A 20% lighter version of the original color is **26.6942, 27.5976, 7.7908**, and **2.8629, 2.8689, 0.4029** is the 20% darker color. If you saturate the color by 10%, you get **10.5957, 10.8900, 1.5435**, and if you desaturate by 10%, it is **10.8643, 11.3268, 1.9427**.

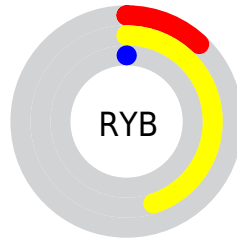
Distribution



Red (45%)

Green (35%)

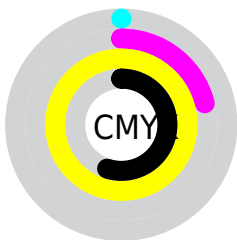
Blue (0%)



Red (12%)

Yellow (45%)

Blue (0%)

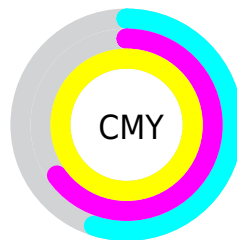


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5956, 10.8897, 1.5435 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 10.5956, 10.8897, 1.5435 by changing the saturation by 10% instead.

■ 10.5956, 10.8897,
1.5435

■ 10.5956, 10.8897,
1.5435

■ 188.8379,
196.9093, 114.8288

■ 5.8609, 5.9927,
0.2500

■ 26.5495, 27.4560,
7.7504

■ 2.8005, 2.8406,
0.0000

■ 38.4995, 39.8941,
13.6627

■ 1.0492, 1.0491,
0.0000

■ 53.5852, 55.6148,
22.0056


■ 0.0000, 0.0000,
0.0000


■ 72.1720, 75.0023,
33.1977


■ 94.6253, 98.4411,
47.6575


■ 121.3105,


126.3156, 65.8036


 152.5929,
159.0102, 88.0545


 10.5956, 10.8897,
1.5435


 10.5956, 10.8897,
1.5435


 10.5957, 10.8900,
1.5435

 10.8643, 11.3268,
1.9427

 11.1666, 11.7874,
2.4871

 11.5245, 12.2809,
3.2920

 11.9439, 12.8097,
4.3872

 12.4296, 13.3760,
5.7983

■ 12.9860, 13.9814,
7.5481

■ 13.6172, 14.6277,
9.6574

■ 14.3267, 15.3165,
12.1452

■ 15.1180, 16.0492,
15.0292

Harmonies

Analogous

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



13.9812, 10.8897, 2.3457



10.5956, 10.8897, 1.5435



7.7522, 10.8897, 2.1169

Triad

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



10.5956, 10.8897, 1.5435



5.8168, 10.8897, 22.0443



16.4470, 10.8897, 23.9204

Complementary

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



10.5956, 10.8897, 1.5435



3.3640, 1.8683, 16.1028

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.



13.4724, 10.8897, 35.1777



10.5956, 10.8897, 1.5435



7.4098, 10.8897, 33.7582

Square

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



10.5956, 10.8897, 1.5435



5.3537, 10.8897, 11.1736



10.1089, 10.8897, 39.4751



17.7639, 10.8897, 12.5677

Rectangle

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



10.5956, 10.8897, 1.5435



6.4446, 10.8897, 3.5339



10.1089, 10.8897, 39.4751



15.5813, 10.8897, 28.0230

Sweetspot

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



10.5958, 10.8902, 1.5437



23.8385, 25.6145, 16.6596



7.1117, 3.6464, 1.2320



5.4280, 5.8380, 3.5649



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.5958, 10.8902, 1.5437



18.5287, 18.9547, 2.6820



9.4711, 13.8151, 2.1675



3.5852, 3.8029, 3.6184



11.7831, 12.0986, 1.7142



58.0594, 58.9940, 8.3269

Inverse Universe

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



3.3640, 1.8683, 16.1028



5.8309, 3.1219, 28.2708



3.6424, 1.5270, 16.0223



3.2693, 3.4038, 4.2389



3.7336, 2.0575, 17.9220



18.0737, 9.1992, 89.1022

Previews

White Background



This preview shows how the XYZ color 10.5956, 10.8897, 1.5435 looks on a white background.

Color Contrast Check

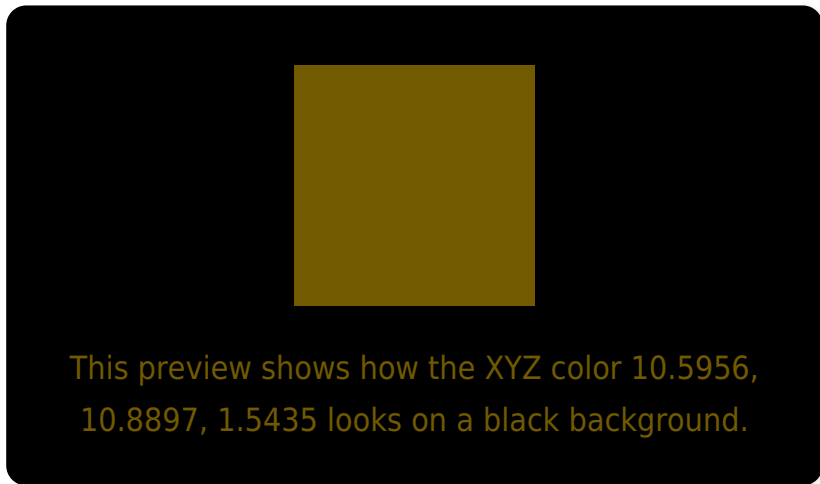
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.5956, 10.8897, 1.5435

Background



This preview shows how black text looks on a background with the XYZ color 10.5956, 10.8897, 1.5435.



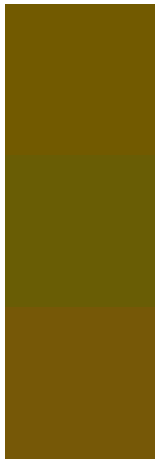
This preview shows how white text looks on a background with the XYZ color 10.5956, 10.8897,

1.5435.

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

10.5956, 10.8897, 1.5435

Protanopia

9.7674, 10.8429, 1.7217

Deuteranopia

10.9993, 10.8463, 1.7148



Tritanopia

12.6235, 11.0008, 11.1309

Trichromacy



Original Color

10.5956, 10.8897, 1.5435

Protanomaly

10.0279, 10.8490, 1.6517

Deuteranomaly

10.9304, 10.9354, 1.6495

Tritanomaly

11.4024, 10.7329, 5.3416

Monochromacy



Original Color

10.5956, 10.8897, 1.5435

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.1091, 9.7967, 5.0253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5956, 10.8897, 1.5435 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(114, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(114, 90, 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(114, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 90, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.5956, 10.8897, 1.5435 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(114, 90, 0) }
```


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

```
.border{ border-color:rgb(114, 90, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 90, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 90, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 90, 0);  
box-shadow:4px 4px 4px 4px rgb(114, 90, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.5956, 10.8897, 1.5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 90, 0) }
```

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

```
.background{ background-color: rgb(114, 90,  
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](#).

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