

Converting Colors

XYZ(10.6589, 6.6199, 0.7160)

Have a look what the booklet for
XYZ(10.6589, 6.6199, 0.7160)
contains.

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Color

**XYZ(10.5903, 6.5859,
0.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	862800
RGB	134, 40, 0
RGB Percent	53%, 16%, 0%
CMY	0.4745, 0.8431, 1.0000
CMYK	0.00, 0.70, 1.00, 0.47
HSL	18°, 100%, 26%
HSV	18°, 100%, 53%
XYZ	10.5903, 6.5859, 0.7130
YIQ	63.5460, 68.8640, 7.4880

Conversions

Conversions Part 2

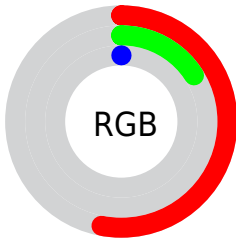
Format	Color
R_{YB}	134, 57, 0
Decimal	8792064
CIE Lab	30.84, 38.68, 42.98
CIE LCh	31, 57.825, 48.016
Yxy	6.5859, 0.5920, 0.3681
Android (android.graphics.Color)	4286982144 (0xFF862800)
YUV	63.5460, -31.3282, 61.7882
Hunter-Lab	25.6630, 28.7510, 16.3168

Details

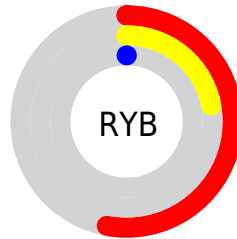
The XYZ color **10.5903, 6.5859, 0.7130** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.3052, 9.7255, 23.9936**, and the grayscale version is **4.8438, 5.0960, 5.5496**.

A 20% lighter version of the original color is **26.5227, 19.1649, 5.0976**, and **2.9805, 1.5365, 0.1395** is the 20% darker color. If you saturate the color by 10%, you get **10.5904, 6.5863, 0.7131**, and if you desaturate by 10%, it is **11.0220, 7.3291, 1.2282**.

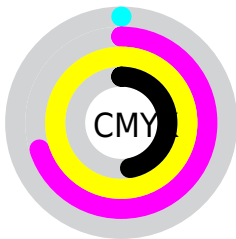
Distribution



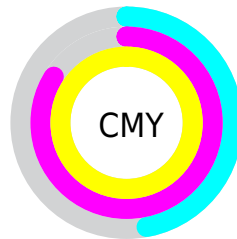
- Red (53%)
- Green (16%)
- Blue (0%)



- Red (53%)
- Yellow (22%)
- Blue (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (100%)
- Black (47%)





- Cyan (47%)
- Magenta (84%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.5903, 6.5859, 0.7130 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 10.5903, 6.5859, 0.7130 by changing the saturation by 10% instead.


 10.5903, 6.5859,
0.7130


 10.5903, 6.5859,
0.7130


 188.8017,
164.1771, 97.7803


 5.8573, 3.2045,
0.0000

 26.5398, 19.1352,
5.1368


 2.7983, 1.2394,
0.0000

 38.4869, 29.0718,
9.7604

 1.0480, 0.0935,
0.0000

 53.5695, 41.9624,
16.5567


 0.0000, 0.0000,
0.0000


 72.1530, 58.1912,
25.9445

 94.6025, 78.1427,
38.3422


 121.2836,


102.2012, 54.1684


 152.5615,
130.7513, 73.8416

 10.5903, 6.5859,
0.7130


 10.5903, 6.5859,
0.7130


 10.5904, 6.5863,
0.7131

 11.0220, 7.3291,
1.2282

 11.5809, 8.2544,
2.0077

 12.2973, 9.3818,
3.1881

 13.1842, 10.7235,
4.8159

 14.2530, 12.2904,
6.9312

■ 15.5139, 14.0927,
9.5696

■ 16.9764, 16.1401,
12.7632

■ 18.6495, 18.4414,
16.5417

■ 20.5412, 21.0052,
20.9324

Harmonies

Analogous

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



12.8932, 6.5859, 3.3844



10.5903, 6.5859, 0.7130



7.4441, 6.5859, 0.0000

Triad

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



10.5903, 6.5859, 0.7130



2.3351, 6.5859, 4.4246



8.0746, 6.5859, 34.0531

Complementary

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



10.5903, 6.5859, 0.7130



8.3052, 9.7255, 23.9936

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.



5.2081, 6.5859, 35.2518



10.5903, 6.5859, 0.7130



2.4118, 6.5859, 13.0669

Square

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



10.5903, 6.5859, 0.7130



3.0527, 6.5859, 1.0146



3.3074, 6.5859, 25.7931



11.1686, 6.5859, 23.1956

Rectangle

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



10.5903, 6.5859, 0.7130



5.5393, 6.5859, 0.0000



3.3074, 6.5859, 25.7931



7.0399, 6.5859, 35.7901

Sweetspot

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



10.5904, 6.5863, 0.7131



29.7297, 28.1857, 22.0850



11.9443, 5.9134, 11.5862



6.4831, 6.0508, 4.5023



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



10.5904, 6.5863, 0.7131



18.5399, 11.3653, 1.2166



14.8796, 15.1646, 2.1428



4.7776, 4.8987, 4.9231



9.9334, 6.1895, 0.6711



0.0402, 0.0330, 0.0042

Inverse Universe

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



8.3052, 9.7255, 23.9936



14.4959, 16.8612, 42.2289



4.7432, 2.6016, 22.8062



4.6874, 5.0504, 5.9285



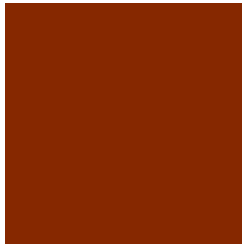
7.7928, 9.1334, 22.4889



0.0334, 0.0444, 0.0800

Previews

White Background



This preview shows how the XYZ color 10.5903, 6.5859, 0.7130 looks on a white background.

Color Contrast Check

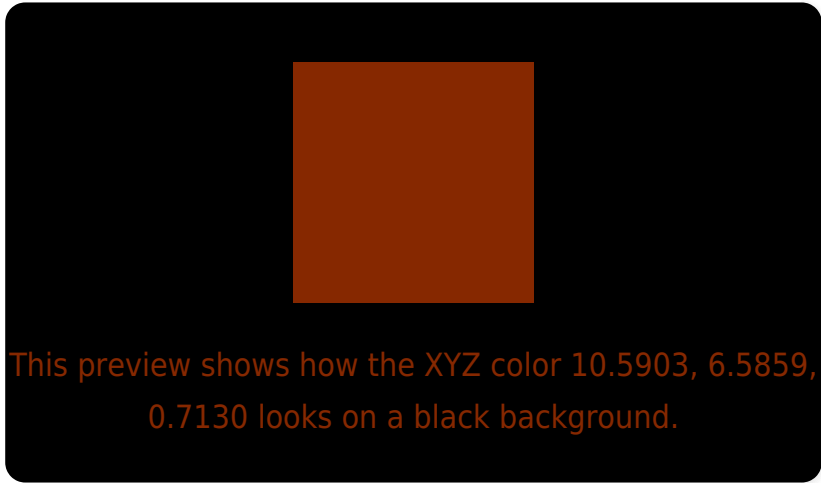
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 10.5903, 6.5859, 0.7130

Background



This preview shows how black text looks on a background with the XYZ color 10.5903, 6.5859, 0.7130.



This preview shows how white text looks on a background with the XYZ color 10.5903, 6.5859,

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

10.5903, 6.5859, 0.7130

Protanopia

6.1023, 6.7710, 1.4373

Deuteranopia

6.7044, 6.7075, 0.9413



Tritanopia

11.0194, 6.6205, 2.6166

Trichromacy



Original Color

10.5903, 6.5859, 0.7130

Protanomaly

7.2569, 6.2919, 1.1191

Deuteranomaly

7.7483, 6.3161, 0.8107

Tritanomaly

10.8603, 6.6073, 1.6226

Monochromacy



Original Color

10.5903, 6.5859, 0.7130

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

5.8863, 5.0163, 2.7558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5903, 6.5859, 0.7130 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(134, 40, 0)` looks like.

```
.text, #text, p{  
    color:rgb(134, 40, 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(134, 40, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 40, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.5903, 6.5859, 0.7130 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(134, 40, 0) }
```


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

```
.border{ border-color:rgb(134, 40, 0) }
```

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

Here you see how a box with a 4 pixel rgb(134, 40, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 40, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 40, 0);  
box-shadow:4px 4px 4px 4px rgb(134, 40, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.5903, 6.5859, 0.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 40, 0) }
```

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

```
.background{ background-color: rgb(134, 40,  
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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