

Converting Colors

XYZ(10.0071, 8.5076, 1.4613)

Have a look what the booklet for
XYZ(10.0071, 8.5076, 1.4613)
contains.

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Color

**XYZ(10.0653, 8.5261,
1.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	78470C
RGB	120, 71, 12
RGB Percent	47%, 28%, 5%
CMY	0.5294, 0.7216, 0.9529
CMYK	0.00, 0.41, 0.90, 0.53
HSL	33°, 82%, 26%
HSV	33°, 90%, 47%
XYZ	10.0653, 8.5261, 1.4630
YIQ	78.9250, 48.1430, -7.9610

Conversions

Conversions Part 2

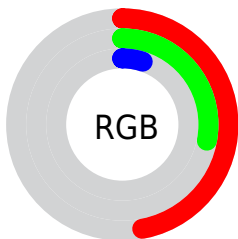
Format	Color
RYB	102, 120, 12
Decimal	7882508
CIELab	35.06, 16.49, 40.48
CIELCh	35, 43.709, 67.837
Yxy	8.5261, 0.5019, 0.4251
Android (android.graphics.Color)	4286072588 (0xFF78470C)
YUV	78.9250, -32.9940, 36.0228
Hunter-Lab	29.1995, 10.4313, 17.4690

Details

The XYZ color **10.0653, 8.5261, 1.4630** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **5.2103, 4.7714, 18.4154**, and the grayscale version is **7.4725, 7.8616, 8.5613**.

A 20% lighter version of the original color is **25.6902, 23.1170, 7.5229**, and **2.6387, 1.9421, 0.2358** is the 20% darker color. If you saturate the color by 10%, you get **9.6682, 7.8382, 1.0034**, and if you desaturate by 10%, it is **10.5259, 9.2898, 2.1026**.

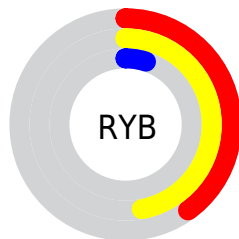
Distribution



Red (47%)

Green (28%)

Blue (5%)



Red (40%)

Yellow (47%)

Blue (5%)

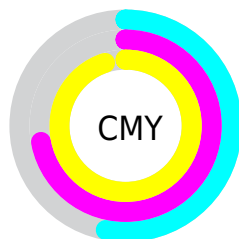


Cyan (0%)

Magenta (41%)

Yellow (90%)

Black (53%)



Cyan (53%)


Magenta (72%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.0653, 8.5261, 1.4630 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 10.0653, 8.5261, 1.4630 by changing the saturation by 10% instead.


 10.0653, 8.5261,
1.4630


 10.0653, 8.5261,
1.4630


 185.1814,
179.8022, 113.3854


 5.5049, 4.4334,
0.1901

 25.5668, 22.9835,
7.5125


 2.5842, 1.9188,
0.0000


 37.2386, 34.1171,
13.3150

 0.9379, 0.5597,
0.0000

 52.0116, 48.3663,
21.5273

 0.0000, 0.0000,
0.0000

 70.2511, 66.1157,
32.5680

 92.3224, 87.7495,
46.8556

 118.5910,

113.6523, 64.8087

149.4222,
144.2084, 86.8458

10.0653, 8.5261,
1.4630

10.0653, 8.5261,
1.4630

9.6682, 7.8382,
1.0034

10.5259, 9.2898,
2.1026

9.6682, 7.8381,
1.0033

11.0732, 10.1387,
3.0425

11.7146, 11.0774,
4.3172

12.4563, 12.1094,
5.9560

13.3040, 13.2383,
7.9851

■ 14.2629, 14.4671,
10.4284

■ 15.3376, 15.7988,
13.3077

■ 16.5327, 17.2362,
16.6432

■ 17.8523, 18.7821,
20.4540

Harmonies

Analogous

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



12.5468, 8.5261, 3.1221



10.0653, 8.5261, 1.4630



7.4631, 8.5261, 1.2177

Triad

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



10.0653, 8.5261, 1.4630



4.1997, 8.5261, 11.2996



11.4413, 8.5261, 25.0478

Complementary

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



10.0653, 8.5261, 1.4630



5.2103, 4.7714, 18.4154

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.



8.7802, 8.5261, 30.8272



10.0653, 8.5261, 1.4630



4.8572, 8.5261, 20.6124

Square

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



10.0653, 8.5261, 1.4630



4.4041, 8.5261, 4.9828



6.4153, 8.5261, 28.8828



13.4487, 8.5261, 15.5387

Rectangle

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



10.0653, 8.5261, 1.4630



6.0517, 8.5261, 1.6383



6.4153, 8.5261, 28.8828



10.5741, 8.5261, 27.6674

Sweetspot

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



10.0655, 8.5265, 1.4632



25.5094, 25.9763, 19.4555



8.7577, 4.6082, 5.0432



5.9301, 6.0113, 4.3076



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.0655, 8.5265, 1.4632



16.8704, 13.5172, 1.7199



14.0384, 17.1998, 2.9279



4.1628, 4.3441, 4.2436



10.5333, 8.5225, 1.0898



49.3852, 38.9339, 4.9121

Inverse Universe

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



5.2103, 4.7714, 18.4154



8.1886, 6.8369, 32.1411



3.7286, 1.7257, 17.9057



3.9335, 4.1652, 5.0398



5.1461, 4.3747, 19.9585



23.7193, 19.2112, 94.9278

Previews

White Background



This preview shows how the XYZ color 10.0653, 8.5261, 1.4630 looks on a white background.

Color Contrast Check

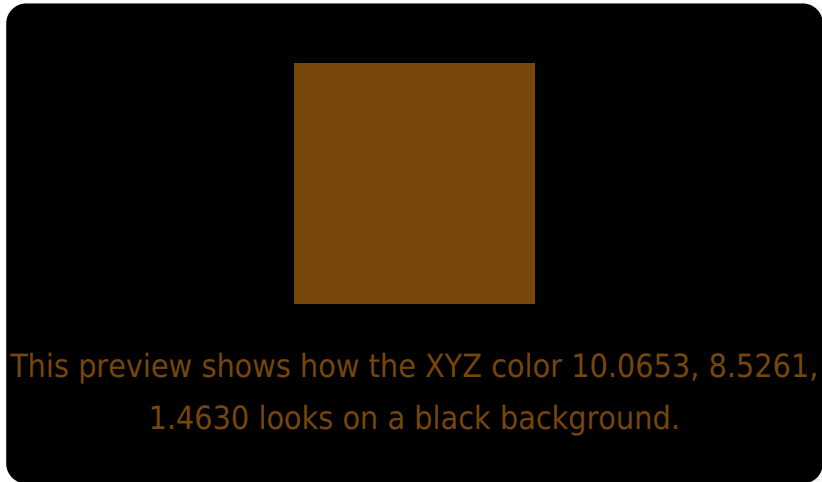
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.0653, 8.5261, 1.4630

Background



This preview shows how black text looks on a background with the XYZ color 10.0653, 8.5261, 1.4630.



This preview shows how white text looks on a background with the XYZ color 10.0653, 8.5261,

1.4630.

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

10.0653, 8.5261, 1.4630

Protanopia

7.7956, 8.6007, 1.7012

Deuteranopia

8.6217, 8.5952, 1.2046



Tritanopia

11.2539, 8.5623, 7.0208

Trichromacy



Original Color

10.0653, 8.5261, 1.4630

Protanomaly

8.4688, 8.5072, 1.6112

Deuteranomaly

9.0368, 8.4926, 1.2778

Tritanomaly

10.6689, 8.5021, 4.0964

Monochromacy



Original Color

10.0653, 8.5261, 1.4630

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

7.8901, 7.8244, 4.7088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0653, 8.5261, 1.4630 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(120, 71, 12)` looks like.

```
.text, #text, p{  
    color:rgb(120, 71, 12)  
}
```

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(120, 71, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 71, 12) }
```

Border

The CSS property to change the border of an element to XYZ 10.0653, 8.5261, 1.4630 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(120, 71, 12) }
```


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

```
.border{ border-color:rgb(120, 71, 12) }
```

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

Here you see how a box with a 4 pixel rgb(120, 71, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 71, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 71, 12);  
box-shadow:4px 4px 4px 4px rgb(120, 71,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0653, 8.5261, 1.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 71, 12) }
```

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

```
.background{ background-color: rgb(120, 71,  
12) }
```

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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