

Converting Colors

XYZ(10.5811, 6.5254, 0.7431)

Have a look what the booklet for
XYZ(10.5811, 6.5254, 0.7431)
contains.

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Color

**XYZ(10.5625, 6.5216,
0.7308)**

Conversions

Conversions Part 1

Format	Color
Hex	862701
RGB	134, 39, 1
RGB Percent	53%, 15%, 0%
CMY	0.4745, 0.8470, 0.9961
CMYK	0.00, 0.71, 0.99, 0.47
HSL	17°, 99%, 26%
HSV	17°, 99%, 53%
XYZ	10.5625, 6.5216, 0.7308
YIQ	63.0730, 68.8180, 8.3220

Conversions

Conversions Part 2

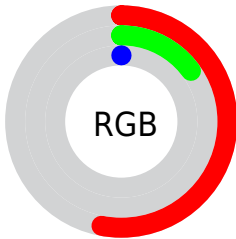
Format	Color
R_{YB}	134, 54, 1
Decimal	8791809
CIE Lab	30.69, 39.13, 42.46
CIE LCh	31, 57.744, 47.341
Yxy	6.5216, 0.5929, 0.3661
Android (android.graphics.Color)	4286981889 (0xFF862701)
YUV	63.0730, -30.6020, 62.2030
Hunter-Lab	25.5374, 29.1387, 16.1795

Details

The XYZ color **10.5625, 6.5216, 0.7308** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.4978, 10.0921, 24.0541**, and the grayscale version is **4.7725, 5.0210, 5.4679**.

A 20% lighter version of the original color is **26.4587, 19.0034, 5.1792**, and **2.9805, 1.5365, 0.1395** is the 20% darker color. If you saturate the color by 10%, you get **10.5339, 6.4733, 0.6943**, and if you desaturate by 10%, it is **10.9942, 7.2626, 1.2522**.

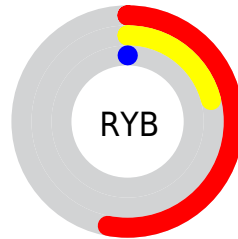
Distribution



Red (53%)

Green (15%)

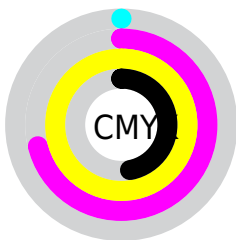
Blue (0%)



Red (53%)

Yellow (21%)

Blue (0%)

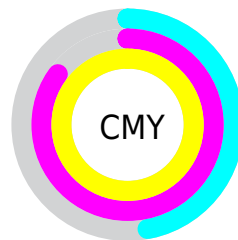


Cyan (0%)

Magenta (71%)

Yellow (99%)

Black (47%)



Cyan (47%)


Magenta (85%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.5625, 6.5216, 0.7308 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 10.5625, 6.5216, 0.7308 by changing the saturation by 10% instead.


 10.5625, 6.5216,
0.7308


 10.5625, 6.5216,
0.7308


 188.6119,
163.6272, 98.1679


 5.8386, 3.1648,
0.0000


 26.4885, 19.0041,
5.1913


 2.7869, 1.2183,
0.0000


 38.4212, 28.8986,
9.8439

 1.0421, 0.0766,
0.0000

 53.4876, 41.7411,
16.6755

 0.0000, 0.0000,
0.0000


 72.0530, 57.9159,
26.1046

 94.4828, 77.8076,
38.5499


 121.1423,


101.8004, 54.4299


 152.3969,
130.2788, 74.1630


 10.5625, 6.5216,
0.7308


 10.5625, 6.5216,
0.7308


 10.5339, 6.4733,
0.6943

 10.9942, 7.2626,
1.2522

 11.5592, 8.1923,
2.0582

 12.2853, 9.3302,
3.2696

 13.1857, 10.6887,
4.9326

 14.2717, 12.2795,
7.0869

■ 15.5540, 14.1131,
9.7679

■ 17.0421, 16.1994,
13.0075

■ 18.7451, 18.5478,
16.8354

■ 20.6713, 21.1671,
21.2789

Harmonies

Analogous

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



12.8136, 6.5216, 3.4509



10.5625, 6.5216, 0.7308



7.4429, 6.5216, 0.0000

Triad

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



10.5625, 6.5216, 0.7308



2.3142, 6.5216, 4.2510



7.9287, 6.5216, 33.9521

Complementary

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



10.5625, 6.5216, 0.7308



8.4978, 10.0921, 24.0541

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.



5.1013, 6.5216, 34.8771



10.5625, 6.5216, 0.7308



2.3732, 6.5216, 12.6982

Square

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



10.5625, 6.5216, 0.7308



3.0446, 6.5216, 0.9640



3.2405, 6.5216, 25.3072



11.0083, 6.5216, 23.3035

Rectangle

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



10.5625, 6.5216, 0.7308



5.5416, 6.5216, 0.0000



3.2405, 6.5216, 25.3072



6.9056, 6.5216, 35.5934

Sweetspot

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



10.5626, 6.5220, 0.7309



29.6355, 27.9973, 22.0536



11.9682, 5.9404, 11.6587



6.4603, 6.0053, 4.4947



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.



10.5626, 6.5220, 0.7309



18.4437, 11.1730, 1.1845



14.9071, 15.2109, 2.1791



4.7730, 4.8896, 4.9216



9.8803, 6.0831, 0.6534



0.0398, 0.0323, 0.0041

Inverse Universe

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



8.4978, 10.0921, 24.0541



14.7702, 17.4099, 42.3204



4.7752, 2.6470, 22.8132



4.6922, 5.0600, 5.9301



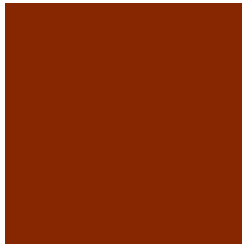
7.9370, 9.4218, 22.5370



0.0337, 0.0451, 0.0802

Previews

White Background



This preview shows how the XYZ color 10.5625, 6.5216, 0.7308 looks on a white background.

Color Contrast Check

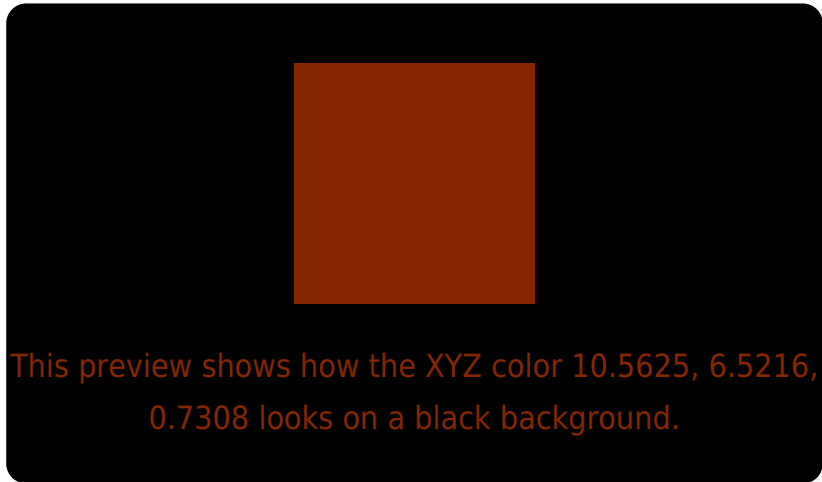
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.5625, 6.5216, 0.7308

Background



This preview shows how black text looks on a background with the XYZ color 10.5625, 6.5216, 0.7308.



This preview shows how white text looks on a background with the XYZ color 10.5625, 6.5216,

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

10.5625, 6.5216, 0.7308

Protanopia

6.1023, 6.7710, 1.4373

Deuteranopia

6.7044, 6.7075, 0.9413



Tritanopia

10.9724, 6.5526, 2.5202

Trichromacy



Original Color

10.5625, 6.5216, 0.7308

Protanomaly

7.2030, 6.1842, 1.1012

Deuteranomaly

7.7483, 6.3161, 0.8107

Tritanomaly

10.8287, 6.5442, 1.6121

Monochromacy



Original Color

10.5625, 6.5216, 0.7308

Achromatopsia

4.7246, 4.9707, 5.4130

Achromatomaly

5.8220, 4.9154, 2.6494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5625, 6.5216, 0.7308 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, 39, 1)` looks like.

```
.text, #text, p{  
    color:rgb(134, 39, 1)  
}
```

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, 39, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 39, 1) }
```

Border

The CSS property to change the border of an element to XYZ 10.5625, 6.5216, 0.7308 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, 39, 1) }
```


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

```
.border{ border-color:rgb(134, 39, 1) }
```

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

Here you see how a box with a 4 pixel rgb(134, 39, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 39, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 39, 1);  
box-shadow:4px 4px 4px 4px rgb(134, 39, 1)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.5625, 6.5216, 0.7308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 39, 1) }
```

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

```
.background{ background-color: rgb(134, 39,  
1) }
```

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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