

Converting Colors

XYZ(10.5675, 6.7187, 0.0000)

Have a look what the booklet for
XYZ(10.5675, 6.7187, 0.0000)
contains.

XYZ(10.6595, 6.7243, 0.7361)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.6595, 6.7243,
0.7361)**

Conversions

Conversions Part 1

Format	Color
Hex	862A00
RGB	134, 42, 0
RGB Percent	53%, 16%, 0%
CMY	0.4745, 0.8353, 1.0000
CMYK	0.00, 0.69, 1.00, 0.47
HSL	19°, 100%, 26%
HSV	19°, 100%, 53%
XYZ	10.6595, 6.7243, 0.7361
YIQ	64.7200, 68.3140, 6.4420

Conversions

Conversions Part 2

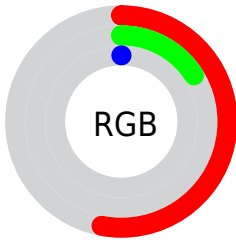
Format	Color
R_{YB}	134, 61, 0
Decimal	8792576
CIE Lab	31.17, 37.80, 43.21
CIE LCh	31, 57.413, 48.824
Yxy	6.7243, 0.5883, 0.3711
Android (android.graphics.Color)	4286982656 (0xFF862A00)
YUV	64.7200, -31.9070, 60.7586
Hunter-Lab	25.9313, 27.9959, 16.4688

Details

The XYZ color **10.6595, 6.7243, 0.7361** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.1297, 9.3745, 23.9350**, and the grayscale version is **5.0220, 5.2835, 5.7537**.

A 20% lighter version of the original color is **26.6297, 19.3454, 5.2362**, and **2.9805, 1.5365, 0.1395** is the 20% darker color. If you saturate the color by 10%, you get **10.6596, 6.7246, 0.7362**, and if you desaturate by 10%, it is **11.0995, 7.4841, 1.2540**.

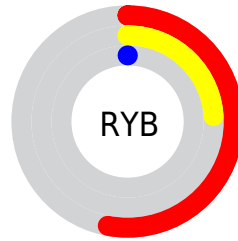
Distribution



Red (53%)

Green (16%)

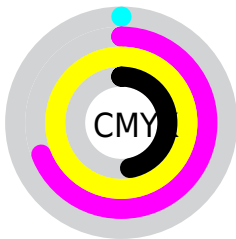
Blue (0%)



Red (53%)

Yellow (24%)

Blue (0%)

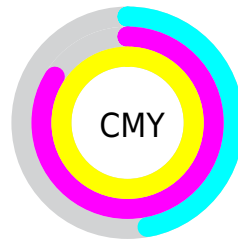


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (47%)



Cyan (47%)


Magenta (84%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.6595, 6.7243, 0.7361 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 10.6595, 6.7243, 0.7361 by changing the saturation by 10% instead.


 10.6595, 6.7243,
0.7361


 10.6595, 6.7243,
0.7361


 189.2733,
165.3528, 98.2835


 5.9040, 3.2903,
0.0000

 26.6674, 19.4164,
5.2076

 2.8269, 1.2851,
0.0000

 38.6504, 29.4433,
9.8688

 1.0629, 0.1296,
0.0000

 53.7733, 42.4365,
16.7109


 0.0000, 0.0000,
0.0000


 72.4014, 58.7806,
26.1525

 94.9001, 78.8599,
38.6119


 121.6348,


103.0587, 54.5079

 152.9707,
131.7616, 74.2589

 10.6595, 6.7243,
0.7361


 10.6595, 6.7243,
0.7361


 10.6596, 6.7246,
0.7362

 11.0995, 7.4841,
1.2540

 11.6641, 8.4209,
2.0355

 12.3834, 9.5539,
3.2169

 13.2698, 10.8946,
4.8446

 14.3346, 12.4536,
6.9586

■ 15.5877, 14.2403,
9.5944

■ 17.0385, 16.2640,
12.7841

■ 18.6954, 18.5332,
16.5573

■ 20.5666, 21.0559,
20.9412

Harmonies

Analogous

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



13.0075, 6.7243, 3.3716



10.6595, 6.7243, 0.7361



7.4991, 6.7243, 0.0000

Triad

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



10.6595, 6.7243, 0.7361



2.4153, 6.7243, 4.7087



8.3022, 6.7243, 33.9884

Complementary

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



10.6595, 6.7243, 0.7361



8.1297, 9.3745, 23.9350

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.



5.3983, 6.7243, 35.4999



10.6595, 6.7243, 0.7361



2.5143, 6.7243, 13.5509

Square

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



10.6595, 6.7243, 0.7361



3.1208, 6.7243, 1.1226



3.4483, 6.7243, 26.2924



11.3939, 6.7243, 23.0098

Rectangle

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



10.6595, 6.7243, 0.7361



5.5962, 6.7243, 0.0000



3.4483, 6.7243, 26.2924



7.2583, 6.7243, 35.8175

Sweetspot

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



10.6596, 6.7247, 0.7362



29.8404, 28.4070, 22.1219



11.8429, 5.8729, 11.0521



6.5098, 6.1043, 4.5112



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.



10.6596, 6.7247, 0.7362



18.6580, 11.6016, 1.2559



15.1100, 15.6254, 2.2197



4.7829, 4.9094, 4.9249



9.9985, 6.3196, 0.6928



0.0406, 0.0338, 0.0044

Inverse Universe

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



8.1297, 9.3745, 23.9350



14.1835, 16.2365, 42.1248



4.6904, 2.4960, 22.7886



4.6818, 5.0391, 5.9266



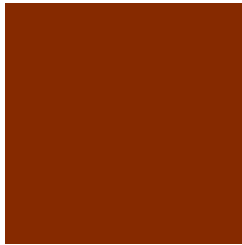
7.6285, 8.8049, 22.4341



0.0330, 0.0436, 0.0799

Previews

White Background



This preview shows how the XYZ color 10.6595, 6.7243, 0.7361 looks on a white background.

Color Contrast Check

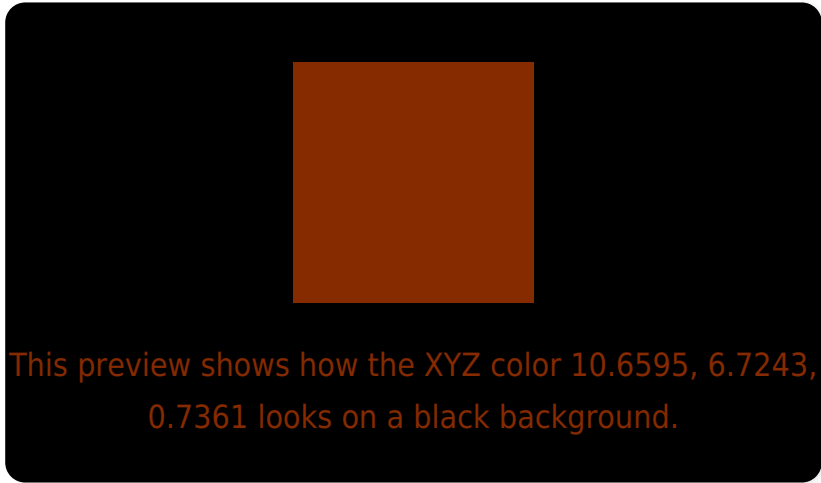
Large Text (above 18pt) WCAG AA ✓ Pass

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

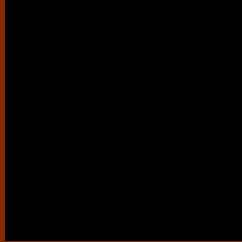
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.6595, 6.7243, 0.7361

Background



This preview shows how black text looks on a background with the XYZ color 10.6595, 6.7243, 0.7361.



This preview shows how white text looks on a background with the XYZ color 10.6595, 6.7243,

0.7361.

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

10.6595, 6.7243, 0.7361

Protanopia

6.2515, 6.9487, 1.4272

Deuteranopia

6.8693, 6.8862, 0.9671



Tritanopia

11.1174, 6.7620, 2.8171

Trichromacy



Original Color

10.6595, 6.7243, 0.7361

Protanomaly

7.3063, 6.3995, 1.1086

Deuteranomaly

7.9225, 6.4829, 0.8338

Tritanomaly

10.9369, 6.7431, 1.7024

Monochromacy



Original Color

10.6595, 6.7243, 0.7361

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

6.0798, 5.2600, 2.7927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6595, 6.7243, 0.7361 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, 42, 0)` looks like.

```
.text, #text, p{  
    color:rgb(134, 42, 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, 42, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 42, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.6595, 6.7243, 0.7361 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, 42, 0) }
```


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

```
.border{ border-color:rgb(134, 42, 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, 42, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 42, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 42, 0);  
box-shadow:4px 4px 4px 4px rgb(134, 42, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.6595, 6.7243, 0.7361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 42, 0) }
```

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

```
.background{ background-color: rgb(134, 42,  
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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