

Converting Colors

XYZ(10.6611, 10.1844, 2.2145)

Have a look what the booklet for
XYZ(10.6611, 10.1844, 2.2145)
contains.

XYZ(10.6611, 10.1844, 2.2145)	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(10.6611, 10.1844,
2.2145)**

Conversions

Conversions Part 1

Format	Color
Hex	755417
RGB	117, 84, 23
RGB Percent	46%, 33%, 9%
CMY	0.5412, 0.6706, 0.9098
CMYK	0.00, 0.28, 0.80, 0.54
HSL	39°, 67%, 27%
HSV	39°, 80%, 46%
XYZ	10.6611, 10.1844, 2.2145
YIQ	86.9130, 39.2490, -11.9750

Conversions

Conversions Part 2

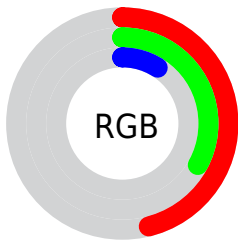
Format	Color
R_{YB}	74, 117, 23
Decimal	7689239
CIE _{Lab}	38.17, 7.64, 38.81
CIE _{LCh}	38, 39.550, 78.867
Yxy	10.1844, 0.4623, 0.4416
Android (android.graphics.Color)	4285879319 (0xFF755417)
YUV	86.9130, -31.5091, 26.3863
Hunter-Lab	31.9130, 3.7833, 18.2249

Details

The XYZ color **10.6611, 10.1844, 2.2145** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4.9784, 4.2947, 17.3961**, and the grayscale version is **9.1004, 9.5743, 10.4264**.

A 20% lighter version of the original color is **26.5381, 26.0006, 9.5812**, and **2.9055, 2.5749, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **10.2593, 9.5289, 1.6244**, and if you desaturate by 10%, it is **11.1338, 10.8991, 3.0839**.

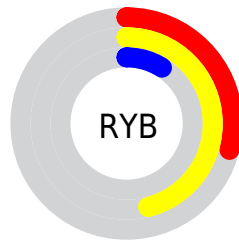
Distribution



Red (46%)

Green (33%)

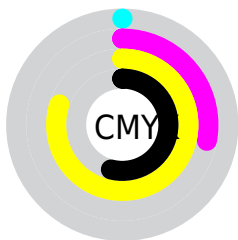
Blue (9%)



Red (29%)

Yellow (46%)

Blue (9%)

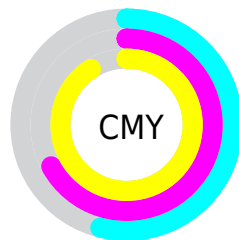


Cyan (0%)

Magenta (28%)

Yellow (80%)

Black (54%)



Cyan (54%)

Magenta (67%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6611, 10.1844, 2.2145 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 10.6611, 10.1844, 2.2145 by changing the saturation by 10% instead.

■ 10.6611, 10.1844,
2.2145

■ 10.6611, 10.1844,
2.2145

189.2842,
191.9831, 125.6233

■ 5.9050, 5.5214,
0.6827

■ 26.6703, 26.1418,
9.6193

■ 2.8275, 2.5563,
0.0000

■ 38.6542, 38.2049,
16.3560

■ 1.0632, 0.9048,
0.0000

■ 53.7780, 53.5036,
25.6735


■ 0.0000, 0.0000,
0.0000


■ 72.4071, 72.4221,
37.9905


■ 94.9070, 95.3449,
53.7254


■ 121.6429,


122.6565, 73.2968


 152.9802,
154.7411, 97.1233


 10.6611, 10.1844,
2.2145


 10.6611, 10.1844,
2.2145


 10.2593, 9.5289,
1.6244


 11.1338, 10.8991,
3.0839

 9.9156, 8.9409,
1.2032

 11.6832, 11.6744,
4.2641

 12.3149, 12.5135,
5.7829

 13.0340, 13.4190,
7.6648

 13.8449, 14.3930,
9.9321

■ 14.7518, 15.4377,
12.6052

■ 15.7584, 16.5550,
15.7031

■ 16.8686, 17.7469,
19.2436

■ 18.0857, 19.0151,
23.2435

Harmonies

Analogous

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



13.2895, 10.1844, 3.5031



10.6611, 10.1844, 2.2145



8.1749, 10.1844, 2.3868

Triad

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



10.6611, 10.1844, 2.2145



5.7316, 10.1844, 16.2969



13.8775, 10.1844, 23.1766

Complementary

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



10.6611, 10.1844, 2.2145



4.9784, 4.2947, 17.3961

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.



11.3593, 10.1844, 30.4743



10.6611, 10.1844, 2.2145



6.7915, 10.1844, 25.4433

Square

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



10.6611, 10.1844, 2.2145



5.6113, 10.1844, 8.5854



8.7610, 10.1844, 31.4495



15.3528, 10.1844, 14.0375

Rectangle

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



10.6611, 10.1844, 2.2145



6.9098, 10.1844, 3.3396



8.7610, 10.1844, 31.4495



13.1064, 10.1844, 26.0711

Sweetspot

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



10.6613, 10.1849, 2.2147



25.6997, 26.8281, 20.4323



8.3928, 4.6949, 4.3962



5.8041, 6.0473, 4.3903



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



10.6613, 10.1849, 2.2147



17.8669, 16.1787, 2.3569



12.2792, 15.7554, 3.2046



3.8636, 4.0602, 3.9224



10.9101, 9.8215, 1.3207



52.3399, 46.2083, 6.1605

Inverse Universe

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



4.9784, 4.2947, 17.3961



7.3234, 5.3334, 30.7804



4.2287, 2.2640, 17.0436



3.5961, 3.7808, 4.6305



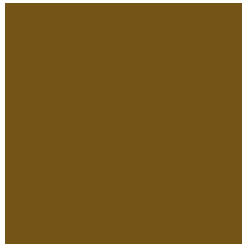
4.4004, 3.1404, 18.9168



20.7067, 13.8300, 91.9384

Previews

White Background



This preview shows how the XYZ color 10.6611, 10.1844, 2.2145 looks on a white background.

Color Contrast Check

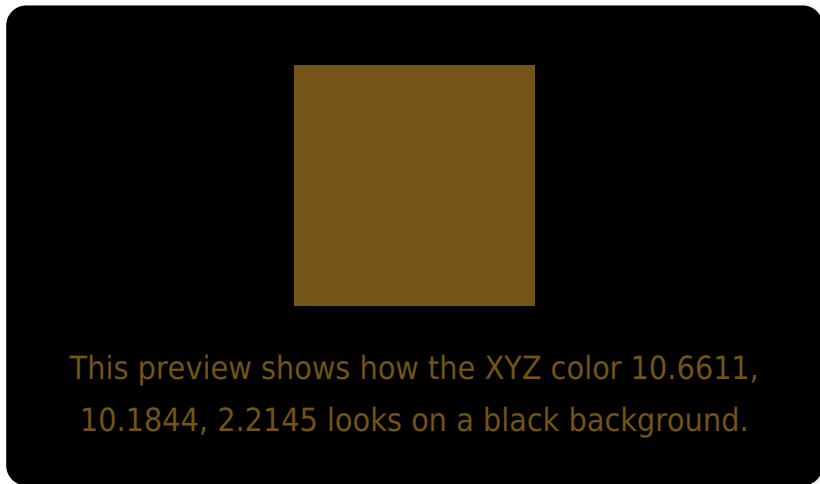
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.6611, 10.1844, 2.2145

Background



This preview shows how black text looks on a background with the XYZ color 10.6611, 10.1844, 2.2145.



This preview shows how white text looks on a background with the XYZ color 10.6611, 10.1844,

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

10.6611, 10.1844, 2.2145

Protanopia

9.1985, 10.1492, 2.3939

Deuteranopia

10.2827, 10.2242, 2.1906



Tritanopia

12.2098, 10.1538, 9.7039

Trichromacy



Original Color

10.6611, 10.1844, 2.2145

Protanomaly

9.7180, 10.1712, 2.3152

Deuteranomaly

10.3327, 10.1323, 2.1702

Tritanomaly

11.4839, 10.0782, 5.8974

Monochromacy



Original Color

10.6611, 10.1844, 2.2145

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.2902, 9.6224, 6.2182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6611, 10.1844, 2.2145 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(117, 84, 23)` looks like.

```
.text, #text, p{  
    color:rgb(117, 84, 23)  
}
```

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(117, 84, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 84, 23) }
```

Border

The CSS property to change the border of an element to XYZ 10.6611, 10.1844, 2.2145 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(117, 84, 23) }
```


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

```
.border{ border-color:rgb(117, 84, 23) }
```

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

Here you see how a box with a 4 pixel rgb(117, 84, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 84, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 84, 23);  
box-shadow:4px 4px 4px 4px rgb(117, 84,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6611, 10.1844, 2.2145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 84, 23) }
```

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

```
.background{ background-color: rgb(117, 84,  
23) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor