

Converting Colors

XYZ(11.7090, 10.6036, 7.7329)

Have a look what the booklet for
XYZ(11.7090, 10.6036, 7.7329)
contains.

XYZ(11.7090, 10.6036, 7.7329)	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(11.7090, 10.6036,
7.7329)**

Conversions

Conversions Part 1

Format	Color
Hex	755449
RGB	117, 84, 73
RGB Percent	46%, 33%, 29%
CMY	0.5412, 0.6706, 0.7137
CMYK	0.00, 0.28, 0.38, 0.54
HSL	15°, 23%, 37%
HSV	15°, 38%, 46%
XYZ	11.7090, 10.6036, 7.7329
YIQ	92.6130, 23.1990, 3.5750

Conversions

Conversions Part 2

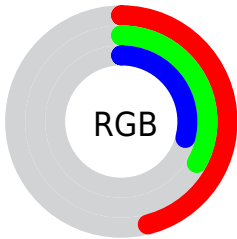
Format	Color
R_{YB}	117, 88, 73
Decimal	7689289
CIE _{Lab}	38.90, 12.13, 11.84
CIE _{LCh}	39, 16.950, 44.303
Yxy	10.6036, 0.3897, 0.3529
Android (android.graphics.Color)	4285879369 (0xFF755449)
YUV	92.6130, -9.6692, 21.3874
Hunter-Lab	32.5632, 7.1991, 8.7144

Details

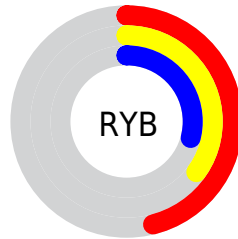
The XYZ color **11.7090, 10.6036, 7.7329** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **11.1123, 13.0083, 18.7547**, and the grayscale version is **10.3326, 10.8707, 11.8382**.

A 20% lighter version of the original color is **28.6155, 27.0014, 22.1159**, and **3.2620, 2.7330, 1.5180** is the 20% darker color. If you saturate the color by 10%, you get **10.7181, 9.1854, 5.6655**, and if you desaturate by 10%, it is **12.8587, 12.2227, 10.2136**.

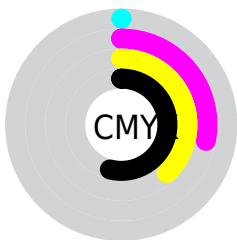
Distribution



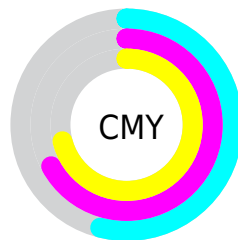
- Red (46%)
- Green (33%)
- Blue (29%)



- Red (46%)
- Yellow (35%)
- Blue (29%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (54%)



- Cyan (54%)
- Magenta (67%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7090, 10.6036, 7.7329 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 11.7090, 10.6036, 7.7329 by changing the saturation by 10% instead.

■ 11.7090, 10.6036,
7.7329

■ 11.7090, 10.6036,
7.7329

196.2787,
194.9274, 183.4774

■ 6.6166, 5.8010,
3.8392

■ 28.5855, 26.9248,
21.9706

■ 3.2677, 2.7244,
1.5376

■ 41.1003, 39.2121,
33.1517

■ 1.2969, 0.9896,
0.2457

■ 56.8200, 54.7632,
47.5990

■ 0.1809, 0.0000,
0.0000

■ 76.1098, 73.9623,
65.7310

■ 0.0000, 0.0000,
0.0000

■ 99.3353, 97.1939,
87.9663

126.8617,

124.8423, 114.7235

159.0544,
157.2920, 146.4210

■ 11.7090, 10.6036,
7.7329

■ 11.7090, 10.6036,
7.7329

■ 10.7181, 9.1854,
5.6655

■ 12.8587, 12.2227,
10.2136

■ 9.8781, 7.9586,
3.9882

■ 14.1733, 14.0487,
13.1279

■ 9.1813, 6.9152,
2.6762

■ 15.6594, 16.0891,
16.4956

■ 8.6192, 6.0462,
1.7018

■ 17.3229, 18.3506,
20.3349

■ 8.1820, 5.3415,
1.0333

■ 19.1696, 20.8398,
24.6632

■ 7.8508, 4.7868,
0.5906

■ 21.2050, 23.5627,
29.4967

■ 7.7818, 4.6733,
0.4919

■ 23.4342, 26.5253,
34.8513

■ 25.8623, 29.7334,
40.7419

■ 28.4942, 33.1924,
47.1828

Harmonies

Analogous

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



12.3258, 10.6036, 10.0801



11.7090, 10.6036, 7.7329



10.6757, 10.6036, 6.5449

Triad

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



11.7090, 10.6036, 7.7329



8.1341, 10.6036, 9.9475



10.6229, 10.6036, 18.6583

Complementary

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



11.7090, 10.6036, 7.7329



11.1123, 13.0083, 18.7547

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.



9.5038, 10.6036, 18.6046



11.7090, 10.6036, 7.7329



8.1222, 10.6036, 13.1465

Square

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



11.7090, 10.6036, 7.7329



8.6403, 10.6036, 7.6515



8.6067, 10.6036, 16.4416



11.6679, 10.6036, 16.5771

Rectangle

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



11.7090, 10.6036, 7.7329



9.9168, 10.6036, 6.3996



8.6067, 10.6036, 16.4416



10.2418, 10.6036, 18.9000

Sweetspot

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



11.7093, 10.6041, 7.7331



27.0264, 27.4217, 27.2244



12.3202, 9.5877, 14.8369



6.1509, 6.2184, 6.1165



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.



11.7093, 10.6041, 7.7331



19.4324, 16.7936, 10.6356



13.6927, 14.5710, 8.3943



3.7515, 3.8360, 3.8850



8.5626, 5.1265, 0.5382



41.1380, 23.8045, 2.4265

Inverse Universe

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



11.1123, 13.0083, 18.7547



18.1930, 21.7389, 33.3741



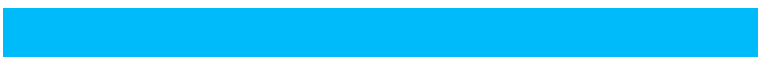
9.1289, 9.0416, 18.0935



3.7095, 4.0076, 4.6683



7.3468, 9.0333, 19.8990



35.0967, 42.6100, 96.7350

Previews

White Background



This preview shows how the XYZ color 11.7090, 10.6036, 7.7329 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



This preview shows how the XYZ color 11.7090, 10.6036, 7.7329 looks on a 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 11.7090, 10.6036, 7.7329

Background



This preview shows how black text looks on a background with the XYZ color 11.7090, 10.6036, 7.7329.



This preview shows how white text looks on a background with the XYZ color 11.7090, 10.6036,

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

11.7090, 10.6036, 7.7329

Protanopia

10.0965, 10.7315, 8.5604

Deuteranopia

10.7228, 10.5731, 7.6066



Tritanopia

12.2500, 10.5907, 10.6311

Trichromacy



Original Color

11.7090, 10.6036, 7.7329

Protanomaly

10.5858, 10.6096, 8.3274

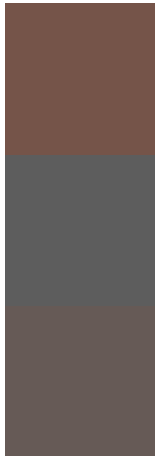
Deuteranomaly

11.1334, 10.6638, 7.6024

Tritanomaly

12.1258, 10.6626, 9.6026

Monochromacy



Original Color

11.7090, 10.6036, 7.7329

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.8154, 10.8090, 10.3204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7090, 10.6036, 7.7329 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, 73)` looks like.

```
.text, #text, p{  
    color:rgb(117, 84, 73)  
}
```

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, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 84, 73) }
```

Border

The CSS property to change the border of an element to XYZ 11.7090, 10.6036, 7.7329 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, 73) }
```


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

```
.border{ border-color:rgb(117, 84, 73) }
```

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, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 84, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 84, 73);  
box-shadow:4px 4px 4px 4px rgb(117, 84,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7090, 10.6036, 7.7329 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, 73) }
```

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

```
.background{ background-color: rgb(117, 84,  
73) }
```

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