

Converting Colors

XYZ(15.0094, 15.0134, 12.2320)

Have a look what the booklet for
XYZ(15.0094, 15.0134, 12.2320)
contains.

XYZ(15.0094, 15.0134, 12.2320)	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(15.0094, 15.0134,
12.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	7A695C
RGB	122, 105, 92
RGB Percent	48%, 41%, 36%
CMY	0.5216, 0.5882, 0.6392
CMYK	0.00, 0.14, 0.25, 0.52
HSL	26°, 14%, 42%
HSV	26°, 25%, 48%
XYZ	15.0094, 15.0134, 12.2320
YIQ	108.6010, 14.3050, -0.4390

Conversions

Conversions Part 2

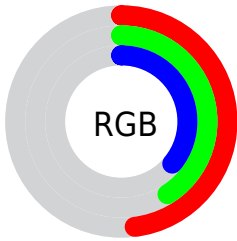
Format	Color
R_{YB}	122, 115, 92
Decimal	8022364
CIE Lab	45.65, 4.51, 9.79
CIE LCh	46, 10.784, 65.255
Yxy	15.0134, 0.3552, 0.3553
Android (android.graphics.Color)	4286212444 (0xFF7A695C)
YUV	108.6010, -8.1843, 11.7509
Hunter-Lab	38.7471, 1.3377, 8.4059

Details

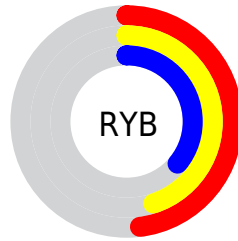
The XYZ color **15.0094, 15.0134, 12.2320** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3951, 14.6175, 20.5280**, and the grayscale version is **14.4428, 15.1949, 16.5473**.

A 20% lighter version of the original color is **34.4501, 34.8439, 30.5010**, and **4.7539, 4.6398, 3.2298** is the 20% darker color. If you saturate the color by 10%, you get **13.8429, 13.4662, 9.4205**, and if you desaturate by 10%, it is **16.3199, 16.7109, 15.5156**.

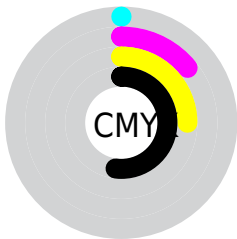
Distribution



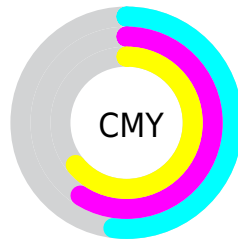
- Red (48%)
- Green (41%)
- Blue (36%)



- Red (48%)
- Yellow (45%)
- Blue (36%)



- Cyan (0%)
- Magenta (14%)
- Yellow (25%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0094, 15.0134, 12.2320 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 15.0094, 15.0134, 12.2320 by changing the saturation by 10% instead.

■ 15.0094, 15.0134,
12.2320

■ 15.0094, 15.0134,
12.2320

216.8104,
223.4473, 216.9673

■ 8.9123, 8.8288,
6.7774

■ 34.4412, 34.8767,
30.5876

■ 4.7407, 4.6297,
3.2470

■ 48.5066, 49.3242,
44.3258

■ 2.1291, 2.0317,
1.2221

■ 65.9589, 67.2947,
61.6622

■ 0.7050, 0.6258,
0.0000

■ 87.1634, 89.1727,
83.0154

■ 0.0000, 0.0000,
0.0000

112.4854,
115.3426, 108.8040

142.2904,

146.1887, 139.4465

176.9435,
182.0955, 175.3614

■ 15.0094, 15.0134,
12.2320

■ 15.0094, 15.0134,
12.2320

■ 13.8429, 13.4662,
9.4205

■ 16.3199, 16.7109,
15.5156

■ 12.8137, 12.0627,
7.0582

■ 17.7782, 18.5606,
19.2911

■ 11.9163, 10.7992,
5.1214

■ 19.3898, 20.5674,
23.5781

■ 11.1445, 9.6708,
3.5841

■ 21.1591, 22.7349,
28.3948

■ 10.4913, 8.6722,
2.4173

■ 23.0907, 25.0669,
33.7589

■ 9.9489, 7.7977,
1.5880

■ 25.1887, 27.5670,
39.6868

■ 9.5065, 7.0405,
1.0474

■ 27.4572, 30.2384,
46.1944

■ 9.2936, 6.6725,
0.7981

■ 29.9002, 33.0846,
53.2971

■ 32.5215, 36.1089,
61.0095

Harmonies

Analogous

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



15.7360, 15.0134, 13.6400



15.0094, 15.0134, 12.2320



14.1113, 15.0134, 11.8762

Triad

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



15.0094, 15.0134, 12.2320



12.6088, 15.0134, 16.8070



15.2962, 15.0134, 20.7558

Complementary

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



15.0094, 15.0134, 12.2320



13.3951, 14.6175, 20.5280

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.



14.4295, 15.0134, 21.8190



15.0094, 15.0134, 12.2320



12.8976, 15.0134, 19.3904

Square

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



15.0094, 15.0134, 12.2320



12.7495, 15.0134, 14.3516



13.5549, 15.0134, 21.2948



15.9064, 15.0134, 18.5194

Rectangle

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



15.0094, 15.0134, 12.2320



13.5413, 15.0134, 12.2474



13.5549, 15.0134, 21.2948



15.0239, 15.0134, 21.2724

Sweetspot

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



15.0098, 15.0141, 12.2323



30.5899, 31.7880, 32.1408



14.6137, 12.8962, 16.1872



6.9700, 7.2375, 7.2854



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.



15.0098, 15.0141, 12.2323



25.1181, 24.7132, 18.3901



16.6745, 18.3434, 12.7872



4.1279, 4.2743, 4.2319



9.7765, 7.0089, 0.8376



45.8209, 31.8052, 3.7240

Inverse Universe

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



13.3951, 14.6175, 20.5280



21.7174, 23.8765, 35.8569



11.9294, 11.6861, 20.0394



3.9684, 4.2352, 5.0515



5.9388, 5.9600, 20.2227



27.4701, 26.7128, 96.1780

Previews

White Background



This preview shows how the XYZ color 15.0094, 15.0134, 12.2320 looks on a white background.

Color Contrast Check

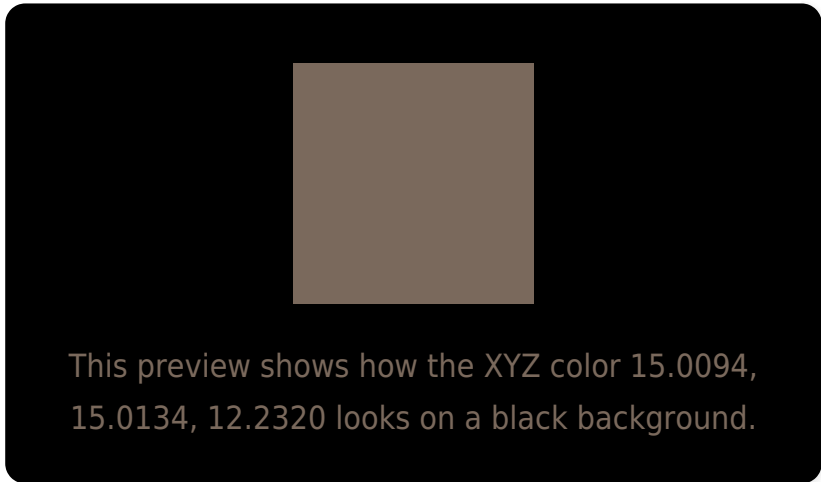
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0094, 15.0134, 12.2320

Background



This preview shows how black text looks on a background with the XYZ color 15.0094, 15.0134, 12.2320.



This preview shows how white text looks on a background with the XYZ color 15.0094, 15.0134,

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

15.0094, 15.0134, 12.2320

Protanopia

14.2778, 15.0928, 12.5166

Deuteranopia

15.1943, 14.9584, 12.2117



Tritanopia

15.8780, 14.9136, 16.7936

Trichromacy



Original Color

15.0094, 15.0134, 12.2320

Protanomaly

14.5696, 15.0876, 12.5002

Deuteranomaly

15.0505, 14.8843, 12.2049

Tritanomaly

15.4668, 14.8907, 14.8910

Monochromacy



Original Color

15.0094, 15.0134, 12.2320

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.7502, 15.2818, 15.0042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0094, 15.0134, 12.2320 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(122, 105, 92)` looks like.

```
.text, #text, p{  
    color:rgb(122, 105, 92)  
}
```

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(122, 105, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 105, 92) }
```

Border

The CSS property to change the border of an element to XYZ 15.0094, 15.0134, 12.2320 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(122, 105, 92) }
```


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

```
.border{ border-color:rgb(122, 105, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 105, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 105, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 105, 92);  
box-shadow:4px 4px 4px 4px rgb(122, 105,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0094, 15.0134, 12.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 105, 92) }
```

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

```
.background{ background-color: rgb(122,  
105, 92) }
```

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