

Converting Colors

XYZ(13.7494, 17.3923, 3.8607)

Have a look what the booklet for
XYZ(13.7494, 17.3923, 3.8607)
contains.

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Color

**XYZ(13.7494, 17.3923,
3.8607)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6F7A1E |
| RGB | 111, 122, 30 |
| RGB Percent | 44%, 48%, 12% |
| CMY | 0.5647, 0.5216, 0.8823 |
| CMYK | 0.09, 0.00, 0.75, 0.52 |
| HSL | 67°, 61%, 30% |
| HSV | 67°, 75%, 48% |
| XYZ | 13.7494, 17.3923, 3.8607 |
| YIQ | 108.2230, 22.9760, -30.9440 |

Conversions

Conversions Part 2

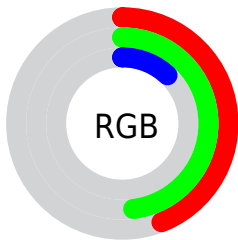
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 30, 122, 41 |
| Decimal | 7305758 |
| CIE Lab | 48.75, -16.62, 45.93 |
| CIE LCh | 49, 48.850, 109.896 |
| Yxy | 17.3923, 0.3928, 0.4969 |
| Android (android.graphics.Color) | 4285495838 (0xFF6F7A1E) |
| YUV | 108.2230, -38.5639, 2.4354 |
| Hunter-Lab | 41.7041, -14.1325, 23.7042 |

Details

The XYZ color **13.7494, 17.3923, 3.8607** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.8922, 2.8055, 18.6971**, and the grayscale version is **14.4174, 15.1683, 16.5182**.

A 20% lighter version of the original color is **32.1383, 38.8655, 13.5925**, and **4.2460, 5.7257, 0.8814** is the 20% darker color. If you saturate the color by 10%, you get **13.4409, 17.2485, 3.1848**, and if you desaturate by 10%, it is **14.1221, 17.5634, 4.8555**.

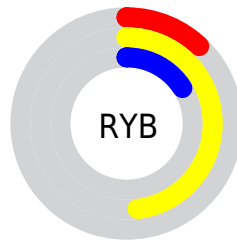
Distribution



Red (44%)

Green (48%)

Blue (12%)



Red (12%)

Yellow (48%)

Blue (16%)

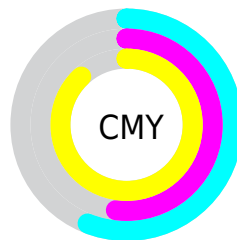


Cyan (9%)

Magenta (0%)

Yellow (75%)

Black (52%)



Cyan (56%)

Magenta (52%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7494, 17.3923, 3.8607 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 13.7494, 17.3923, 3.8607 by changing the saturation by 10% instead.

■ 13.7494, 17.3923,
3.8607

■ 13.7494, 17.3923,
3.8607

209.2082,
237.4231, 146.6642

■ 8.0271, 10.5146,
1.5492

■ 32.2337, 38.9991,
13.6872

■ 4.1643, 5.7415,
0.2542

■ 45.7264, 54.4969,
22.0393

■ 1.7955, 2.6885,
0.0000

■ 62.5400, 73.6369,
33.2421

■ 0.5149, 0.9714,
0.0000

■ 83.0398, 96.8034,
47.7140

■ 0.0000, 0.0000,
0.0000

■ 107.5912,
124.3809, 65.8736

■ 136.5594,

156.7538, 88.1395

170.3100,
194.3063, 114.9302

13.7494, 17.3923,
3.8607

13.7494, 17.3923,
3.8607

13.4409, 17.2485,
3.1848

14.1221, 17.5634,
4.8555

13.1848, 17.1254,
2.7715

14.5641, 17.7619,
6.2008

13.0728, 17.0712,
2.6061

15.0812, 17.9909,
7.9260

15.6783, 18.2521,
10.0567

16.3599, 18.5476,
12.6165

■ 17.1302, 18.8788,
15.6273

■ 17.9931, 19.2475,
19.1092

■ 18.9521, 19.6549,
23.0814

■ 20.0107, 20.1026,
27.5618

Harmonies

Analogous

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



18.1009, 17.3923, 3.4927



13.7494, 17.3923, 3.8607



10.7409, 17.3923, 7.0133

Triad

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



13.7494, 17.3923, 3.8607



11.5461, 17.3923, 45.0249



26.6333, 17.3923, 23.6419

Complementary

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



13.7494, 17.3923, 3.8607



4.8922, 2.8055, 18.6971

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.



24.0985, 17.3923, 39.8888



13.7494, 17.3923, 3.8607



15.0543, 17.3923, 55.4673

Square

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



13.7494, 17.3923, 3.8607



9.6385, 17.3923, 28.7193



19.6642, 17.3923, 53.2493



26.1098, 17.3923, 11.6747

Rectangle

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



13.7494, 17.3923, 3.8607



9.6460, 17.3923, 11.6133



19.6642, 17.3923, 53.2493



26.0952, 17.3923, 28.8316

Sweetspot

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



13.7498, 17.3931, 3.8611



29.0195, 32.7321, 23.1155



9.0448, 5.7993, 1.8712



6.5486, 7.4468, 4.9521



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.



13.7498, 17.3931, 3.8611



23.3343, 30.1945, 5.0811



9.3922, 15.1467, 3.6571



4.2628, 4.6108, 4.2898



13.7583, 17.9699, 2.7434



65.1543, 85.4737, 13.0641

Inverse Universe

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



4.8922, 2.8055, 18.6971



6.9844, 3.1576, 32.6343



7.8834, 4.3476, 18.8371



3.8381, 3.9144, 4.9964



3.8946, 1.5805, 19.4851



18.1832, 7.3358, 92.9274

Previews

White Background



This preview shows how the XYZ color 13.7494, 17.3923, 3.8607 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 13.7494, 17.3923, 3.8607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

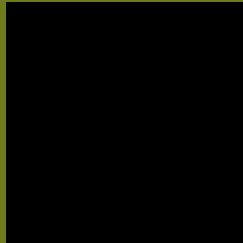
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.7494, 17.3923, 3.8607

Background



This preview shows how black text looks on a background with the XYZ color 13.7494, 17.3923, 3.8607.



This preview shows how white text looks on a background with the XYZ color 13.7494, 17.3923,

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

13.7494, 17.3923, 3.8607

Protanopia

15.6609, 17.3204, 3.6164

Deuteranopia

17.5564, 17.2930, 4.0027



Tritanopia

17.3382, 17.4578, 21.1948

Trichromacy



Original Color

13.7494, 17.3923, 3.8607

Protanomaly

14.8686, 17.2565, 3.7096

Deuteranomaly

15.9647, 17.1310, 3.9040

Tritanomaly

15.5006, 17.2258, 11.9591

Monochromacy



Original Color

13.7494, 17.3923, 3.8607

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.6598, 15.6407, 9.8884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7494, 17.3923, 3.8607 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(111, 122, 30)` looks like.

```
.text, #text, p{  
    color:rgb(111, 122, 30)  
}
```

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(111, 122, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 122, 30) }
```

Border

The CSS property to change the border of an element to XYZ 13.7494, 17.3923, 3.8607 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(111, 122, 30) }
```


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

```
.border{ border-color:rgb(111, 122, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 122, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 122, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 122, 30);  
box-shadow:4px 4px 4px 4px rgb(111, 122,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7494, 17.3923, 3.8607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 122, 30) }
```

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

```
.background{ background-color: rgb(111,  
122, 30) }
```

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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