

Converting Colors

XYZ(13.3919, 12.4199, 8.4344)

Have a look what the booklet for
XYZ(13.3919, 12.4199, 8.4344)
contains.

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Color

**XYZ(13.4093, 12.4474,
8.3524)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5C4B
RGB	124, 92, 75
RGB Percent	49%, 36%, 29%
CMY	0.5137, 0.6392, 0.7059
CMYK	0.00, 0.26, 0.40, 0.51
HSL	21°, 25%, 39%
HSV	21°, 40%, 49%
XYZ	13.4093, 12.4474, 8.3524
YIQ	99.6300, 24.5290, 1.4970

Conversions

Conversions Part 2

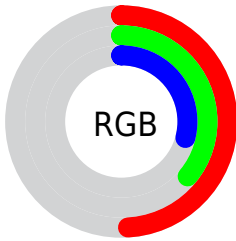
Format	Color
RYB	124, 101, 75
Decimal	8150091
CIELab	41.92, 10.64, 14.88
CIElCh	42, 18.294, 54.428
Yxy	12.4474, 0.3920, 0.3639
Android (android.graphics.Color)	4286340171 (0xFF7C5C4B)
YUV	99.6300, -12.1426, 21.3725
Hunter-Lab	35.2809, 6.1015, 10.6603

Details

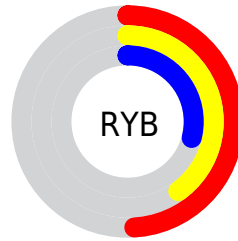
The XYZ color **13.4093, 12.4474, 8.3524** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **11.7971, 13.4658, 21.0461**, and the grayscale version is **12.0448, 12.6720, 13.7998**.

A 20% lighter version of the original color is **31.6712, 30.2662, 23.2415**, and **4.0484, 3.5088, 1.7602** is the 20% darker color. If you saturate the color by 10%, you get **12.3613, 10.9656, 6.1094**, and if you desaturate by 10%, it is **14.6157, 14.1134, 11.0567**.

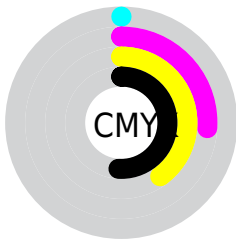
Distribution



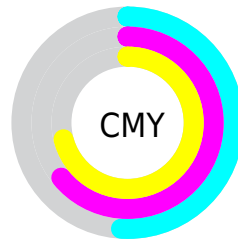
- Red (49%)
- Green (36%)
- Blue (29%)



- Red (49%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (51%)





- Cyan (51%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.4093, 12.4474, 8.3524 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 13.4093, 12.4474, 8.3524 by changing the saturation by 10% instead.


 13.4093, 12.4474,
8.3524

 13.4093, 12.4474,
8.3524


207.1094,
207.3451, 188.5071


 7.7899, 7.0491,
4.2303


 31.6323, 30.3074,
23.2039


 4.0115, 3.4929,
1.7525

 44.9666, 43.5379,
34.7704


 1.7086, 1.3941,
0.3963

 61.6033, 60.1479,
49.6554

 0.4617, 0.2124,
0.0000

 81.9076, 80.5219,
68.2774

 0.0000, 0.0000,
0.0000

 106.2451,
105.0442, 91.0551

134.9810,

134.0993, 118.4069

168.4806,
168.0714, 150.7514

■ 13.4093, 12.4474,
8.3524

■ 13.4093, 12.4474,
8.3524

■ 12.3613, 10.9656,
6.1094

■ 14.6157, 14.1134,
11.0567

■ 11.4635, 9.6598,
4.3007

■ 15.9862, 15.9682,
14.2456

■ 10.7085, 8.5233,
2.8977

■ 17.5274, 18.0183,
17.9419

■ 10.0877, 7.5485,
1.8679

■ 19.2452, 20.2693,
22.1665

■ 9.5914, 6.7273,
1.1738

■ 21.1453, 22.7267,
26.9393

■ 9.1947, 6.0449,
0.6994

■ 23.2330, 25.3957,
32.2790

■ 9.1771, 6.0149,
0.6773

■ 25.5134, 28.2814,
38.2036

■ 27.9915, 31.3886,
44.7302

■ 30.6721, 34.7219,
51.8751

Harmonies

Analogous

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



14.3604, 12.4474, 10.7002



13.4093, 12.4474, 8.3524



12.0852, 12.4474, 7.4092

Triad

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



13.4093, 12.4474, 8.3524



9.4265, 12.4474, 12.8426



12.9394, 12.4474, 21.5292

Complementary

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



13.4093, 12.4474, 8.3524



11.7971, 13.4658, 21.0461

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.



11.5801, 12.4474, 22.4005



13.4093, 12.4474, 8.3524



9.6173, 12.4474, 16.8728

Square

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



13.4093, 12.4474, 8.3524



9.8390, 12.4474, 9.6654



10.3815, 12.4474, 20.5594



14.0750, 12.4474, 18.3644

Rectangle

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



13.4093, 12.4474, 8.3524



11.1946, 12.4474, 7.5435



10.3815, 12.4474, 20.5594



12.4908, 12.4474, 22.1225

Sweetspot

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



13.4096, 12.4480, 8.3526



30.0625, 30.6741, 29.6809



13.5173, 10.3929, 15.3881



7.0142, 7.1367, 6.8314



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.4096, 12.4480, 8.3526



21.9951, 19.6433, 11.2567



15.8083, 17.2454, 9.1522



4.1015, 4.2215, 4.2231



9.3271, 6.1102, 0.6878



43.7652, 27.6938, 3.0388

Inverse Universe

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



11.7971, 13.4658, 21.0461



18.7489, 21.6735, 36.7519



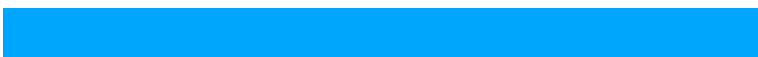
9.6458, 9.1632, 20.3290



3.9955, 4.2893, 5.0605



6.6851, 7.4525, 20.4714



31.0698, 33.9123, 97.3780

Previews

White Background



This preview shows how the XYZ color 13.4093, 12.4474, 8.3524 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 13.4093, 12.4474, 8.3524 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 13.4093, 12.4474, 8.3524

Background



This preview shows how black text looks on a background with the XYZ color 13.4093, 12.4474, 8.3524.



This preview shows how white text looks on a background with the XYZ color 13.4093, 12.4474,

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

13.4093, 12.4474, 8.3524

Protanopia

11.7808, 12.5379, 9.0069

Deuteranopia

12.6644, 12.4607, 8.2162



Tritanopia

14.2879, 12.4249, 12.7115

Trichromacy



Original Color

13.4093, 12.4474, 8.3524

Protanomaly

12.3325, 12.4123, 8.7670

Deuteranomaly

12.9845, 12.4929, 8.2056

Tritanomaly

13.8751, 12.3769, 10.8902

Monochromacy



Original Color

13.4093, 12.4474, 8.3524

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.4697, 12.5559, 11.6638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4093, 12.4474, 8.3524 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(124, 92, 75)` looks like.

```
.text, #text, p{  
    color:rgb(124, 92, 75)  
}
```

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(124, 92, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 92, 75) }
```

Border

The CSS property to change the border of an element to XYZ 13.4093, 12.4474, 8.3524 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(124, 92, 75) }
```


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

```
.border{ border-color:rgb(124, 92, 75) }
```

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

Here you see how a box with a 4 pixel rgb(124, 92, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 92, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 92, 75);  
box-shadow:4px 4px 4px 4px rgb(124, 92,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4093, 12.4474, 8.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 92, 75) }
```

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

```
.background{ background-color: rgb(124, 92,  
75) }
```

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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