

Converting Colors

XYZ(15.0077, 14.3395, 8.4466)

Have a look what the booklet for
XYZ(15.0077, 14.3395, 8.4466)
contains.

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Color

**XYZ(14.9991, 14.3546,
8.4587)**

Conversions

Conversions Part 1

Format	Color
Hex	82644A
RGB	130, 100, 74
RGB Percent	51%, 39%, 29%
CMY	0.4902, 0.6078, 0.7098
CMYK	0.00, 0.23, 0.43, 0.49
HSL	28°, 27%, 40%
HSV	28°, 43%, 51%
XYZ	14.9991, 14.3546, 8.4587
YIQ	106.0060, 26.2260, -1.7260

Conversions

Conversions Part 2

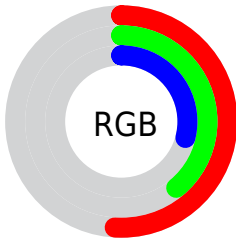
Format	Color
RYB	130, 123, 74
Decimal	8545354
CIELab	44.74, 8.40, 19.38
CIElCh	45, 21.122, 66.573
Yxy	14.3546, 0.3967, 0.3796
Android (android.graphics.Color)	4286735434 (0xFF82644A)
YUV	106.0060, -15.7790, 21.0427
Hunter-Lab	37.8875, 4.3625, 13.2842

Details

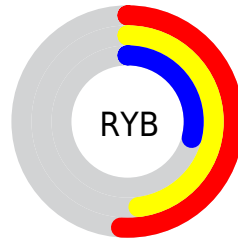
The XYZ color **14.9991, 14.3546, 8.4587** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **11.8033, 12.9675, 22.9999**, and the grayscale version is **13.7384, 14.4539, 15.7403**.

A 20% lighter version of the original color is **34.4089, 33.7536, 23.4404**, and **4.7319, 4.3022, 1.8093** is the 20% darker color. If you saturate the color by 10%, you get **13.9661, 12.9185, 6.1724**, and if you desaturate by 10%, it is **16.1805, 15.9425, 11.2414**.

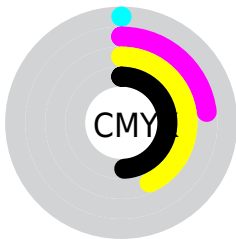
Distribution



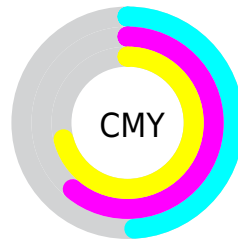
- Red (51%)
- Green (39%)
- Blue (29%)



- Red (51%)
- Yellow (48%)
- Blue (29%)



- Cyan (0%)
- Magenta (23%)
- Yellow (43%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9991, 14.3546, 8.4587 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 14.9991, 14.3546, 8.4587 by changing the saturation by 10% instead.

■ 14.9991, 14.3546,
8.4587

■ 14.9991, 14.3546,
8.4587

216.7493,
219.4258, 189.3538

■ 8.9051, 8.3677,
4.2979

■ 34.4233, 33.7169,
23.4137

■ 4.7359, 4.3311,
1.7901

■ 48.4841, 47.8611,
35.0450

■ 2.1263, 1.8605,
0.4214

■ 65.9313, 65.4932,
50.0036

■ 0.7035, 0.5244,
0.0000

■ 87.1301, 86.9976,
68.7079

■ 0.0000, 0.0000,
0.0000

■ 112.4460,
112.7586, 91.5765

142.2442,

143.1607, 119.0280

176.8902,
178.5883, 151.4809

■ 14.9991, 14.3546,
8.4587

■ 14.9991, 14.3546,
8.4587

■ 13.9661, 12.9185,
6.1724

■ 16.1805, 15.9425,
11.2414

■ 13.0733, 11.6271,
4.3516

■ 17.5157, 17.6849,
14.5471

■ 12.3134, 10.4755,
2.9632

■ 19.0111, 19.5871,
18.4017

■ 11.6778, 9.4579,
1.9692

■ 20.6724, 21.6534,
22.8288

■ 11.1562, 8.5676,
1.3242

■ 22.5051, 23.8880,
27.8510

■ 10.8409, 8.0159,
0.9758

■ 24.5144, 26.2948,
33.4894

■ 26.7051, 28.8777,
39.7640

■ 29.0819, 31.6404,
46.6942

■ 31.6494, 34.5865,
54.2983

Harmonies

Analogous

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



16.4712, 14.3546, 10.6445



14.9991, 14.3546, 8.4587



13.2691, 14.3546, 7.9912

Triad

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



14.9991, 14.3546, 8.4587



10.6189, 14.3546, 16.7376



15.7074, 14.3546, 24.5218

Complementary

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



14.9991, 14.3546, 8.4587



11.8033, 12.9675, 22.9999

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.



14.0252, 14.3546, 27.0335



14.9991, 14.3546, 8.4587



11.1597, 14.3546, 21.9695

Square

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



14.9991, 14.3546, 8.4587



10.8323, 14.3546, 12.1631



12.3724, 14.3546, 26.0129



16.9036, 14.3546, 19.6994

Rectangle

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



14.9991, 14.3546, 8.4587



12.2190, 14.3546, 8.6053



12.3724, 14.3546, 26.0129



15.1749, 14.3546, 25.7059

Sweetspot

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



14.9995, 14.3553, 8.4590



33.4196, 34.4185, 32.2482



14.1942, 10.6593, 14.6201



7.4464, 7.6417, 6.9911



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.9995, 14.3553, 8.4590



24.5783, 22.7261, 10.8334



18.0571, 20.4706, 9.4782



4.4795, 4.6477, 4.5811



10.4015, 7.6995, 0.9379



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.8033, 12.9675, 22.9999



18.1459, 19.9285, 40.0827



9.4933, 8.3475, 22.2299



4.2847, 4.5633, 5.4683



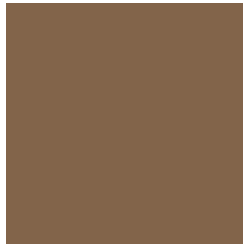
5.9485, 5.7155, 21.0396



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.9991, 14.3546, 8.4587 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 14.9991, 14.3546, 8.4587 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 14.9991, 14.3546, 8.4587

Background



This preview shows how black text looks on a background with the XYZ color 14.9991, 14.3546, 8.4587.



This preview shows how white text looks on a background with the XYZ color 14.9991, 14.3546,

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

14.9991, 14.3546, 8.4587

Protanopia

13.4330, 14.4213, 9.0968

Deuteranopia

14.5916, 14.4328, 8.4953



Tritanopia

16.3039, 14.3316, 14.7389

Trichromacy



Original Color

14.9991, 14.3546, 8.4587

Protanomaly

14.0006, 14.4155, 8.8820

Deuteranomaly

14.6421, 14.3138, 8.4697

Tritanomaly

15.7222, 14.2276, 12.0428

Monochromacy



Original Color

14.9991, 14.3546, 8.4587

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.0409, 14.3536, 12.6202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9991, 14.3546, 8.4587 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(130, 100, 74)` looks like.

```
.text, #text, p{  
    color:rgb(130, 100, 74)  
}
```

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(130, 100, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 100, 74) }
```

Border

The CSS property to change the border of an element to XYZ 14.9991, 14.3546, 8.4587 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(130, 100, 74) }
```


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

```
.border{ border-color:rgb(130, 100, 74) }
```

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

Here you see how a box with a 4 pixel rgb(130, 100, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 100, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 100, 74);  
box-shadow:4px 4px 4px 4px rgb(130, 100,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9991, 14.3546, 8.4587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 100, 74) }
```

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

```
.background{ background-color: rgb(130,  
100, 74) }
```

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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