

Converting Colors

XYZ(13.4555, 14.4535, 8.7143)

Have a look what the booklet for
XYZ(13.4555, 14.4535, 8.7143)
contains.

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Color

**XYZ(13.4943, 14.4609,
8.7366)**

Conversions

Conversions Part 1

Format	Color
Hex	736A4B
RGB	115, 106, 75
RGB Percent	45%, 42%, 29%
CMY	0.5490, 0.5843, 0.7059
CMYK	0.00, 0.08, 0.35, 0.55
HSL	47°, 21%, 37%
HSV	47°, 35%, 45%
XYZ	13.4943, 14.4609, 8.7366
YIQ	105.1570, 15.3150, -7.7330

Conversions

Conversions Part 2

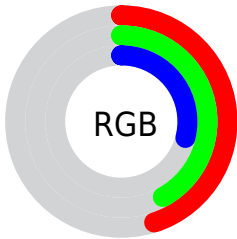
Format	Color
RYB	87, 115, 75
Decimal	7563851
CIELab	44.89, -1.60, 18.71
CIElCh	45, 18.783, 94.896
Yxy	14.4609, 0.3678, 0.3941
Android (android.graphics.Color)	4285753931 (0xFF736A4B)
YUV	105.1570, -14.8674, 8.6323
Hunter-Lab	38.0275, -3.2062, 12.9977

Details

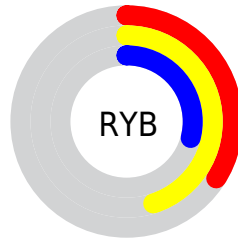
The XYZ color **13.4943, 14.4609, 8.7366** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.1665, 9.0741, 17.4882**, and the grayscale version is **13.5063, 14.2096, 15.4743**.

A 20% lighter version of the original color is **31.8435, 33.8940, 23.9326**, and **4.0451, 4.3799, 1.8605** is the 20% darker color. If you saturate the color by 10%, you get **12.8733, 13.7929, 6.7602**, and if you desaturate by 10%, it is **14.1953, 15.1748, 11.0912**.

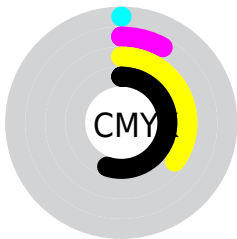
Distribution



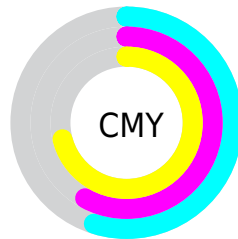
- Red (45%)
- Green (42%)
- Blue (29%)



- Red (34%)
- Yellow (45%)
- Blue (29%)



- Cyan (0%)
- Magenta (8%)
- Yellow (35%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4943, 14.4609, 8.7366 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 13.4943, 14.4609, 8.7366 by changing the saturation by 10% instead.

■ 13.4943, 14.4609,
8.7366

■ 13.4943, 14.4609,
8.7366

207.6359,
220.0796, 191.5458

■ 7.8491, 8.4419,
4.4753

■ 31.7828, 33.9046,
23.9599

■ 4.0496, 4.3790,
1.8896

■ 45.1569, 48.0981,
35.7590

■ 1.7302, 1.8877,
0.4861

■ 61.8380, 65.7853,
50.9077

■ 0.4751, 0.5410,
0.0000

■ 82.1914, 87.3505,
69.8247

■ 0.0000, 0.0000,
0.0000

■ 106.5826,
113.1782, 92.9285

135.3768,

143.6526, 120.6376

168.9395,
179.1583, 153.3705

■ 13.4943, 14.4609,
8.7366

■ 13.4943, 14.4609,
8.7366

■ 12.8733, 13.7929,
6.7602

■ 14.1953, 15.1748,
11.0912

■ 12.3273, 13.1671,
5.1407

■ 14.9787, 15.9342,
13.8417

■ 11.8523, 12.5823,
3.8564

■ 15.8483, 16.7412,
17.0059

■ 11.4436, 12.0366,
2.8826

■ 16.8074, 17.5971,
20.6003

■ 11.0958, 11.5277,
2.1913

■ 17.8589, 18.5033,
24.6403

■ 10.8001, 11.0519,
1.7363

■ 19.0057, 19.4610,
29.1407

■ 10.6537, 10.8116,
1.5253

■ 20.2504, 20.4714,
34.1156

■ 21.5958, 21.5357,
39.5785

■ 23.0444, 22.6550,
45.5422

Harmonies

Analogous

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



15.0351, 14.4609, 9.2652



13.4943, 14.4609, 8.7366



12.1245, 14.4609, 9.7810

Triad

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



13.4943, 14.4609, 8.7366



11.4635, 14.4609, 21.0924



16.5939, 14.4609, 19.6102

Complementary

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



13.4943, 14.4609, 8.7366



9.1665, 9.0741, 17.4882

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.



15.5030, 14.4609, 23.7445



13.4943, 14.4609, 8.7366



12.5303, 14.4609, 24.7058

Square

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



13.4943, 14.4609, 8.7366



11.0090, 14.4609, 16.4779



13.9981, 14.4609, 25.7567



16.8996, 14.4609, 15.0350

Rectangle

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



13.4943, 14.4609, 8.7366



11.4689, 14.4609, 11.3682



13.9981, 14.4609, 25.7567



16.3031, 14.4609, 21.1229

Sweetspot

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



13.4947, 14.4616, 8.7369



27.5064, 29.1754, 27.2531



11.1998, 9.3225, 9.6654



6.5210, 6.9220, 6.3530



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.



13.4947, 14.4616, 8.7369



23.2291, 24.8941, 12.6536



13.1486, 15.7327, 9.0005



3.9002, 4.1333, 3.9345



12.1631, 12.3274, 1.7384



58.6108, 58.7500, 8.2508

Inverse Universe

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



9.1665, 9.0741, 17.4882



14.1961, 13.6552, 30.9320



9.4179, 8.2328, 17.3125



3.5613, 3.7113, 4.6189



3.9420, 2.2236, 18.7640



18.6641, 9.7449, 91.2575

Previews

White Background



This preview shows how the XYZ color 13.4943, 14.4609, 8.7366 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 13.4943, 14.4609, 8.7366 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 13.4943, 14.4609, 8.7366

Background



This preview shows how black text looks on a background with the XYZ color 13.4943, 14.4609, 8.7366.



This preview shows how white text looks on a background with the XYZ color 13.4943, 14.4609,

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

13.4943, 14.4609, 8.7366

Protanopia

13.4943, 14.4609, 8.7366

Deuteranopia

14.6601, 14.4602, 8.8559



Tritanopia

15.1194, 14.5288, 16.4755

Trichromacy



Original Color

13.4943, 14.4609, 8.7366

Protanomaly

13.4943, 14.4609, 8.7366

Deuteranomaly

14.1808, 14.3599, 8.8618

Tritanomaly

14.4791, 14.4151, 13.3285

Monochromacy



Original Color

13.4943, 14.4609, 8.7366

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.3786, 14.1625, 12.6182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4943, 14.4609, 8.7366 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(115, 106, 75)` looks like.

```
.text, #text, p{  
    color:rgb(115, 106, 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(115, 106, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 106, 75) }
```

Border

The CSS property to change the border of an element to XYZ 13.4943, 14.4609, 8.7366 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(115, 106, 75) }
```


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

```
.border{ border-color:rgb(115, 106, 75) }
```

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

Here you see how a box with a 4 pixel rgb(115, 106, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 106, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 106, 75);  
box-shadow:4px 4px 4px 4px rgb(115, 106,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4943, 14.4609, 8.7366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 106, 75) }
```

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

```
.background{ background-color: rgb(115,  
106, 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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