

Converting Colors

XYZ(14.5367, 13.0113, 9.8418)

Have a look what the booklet for
XYZ(14.5367, 13.0113, 9.8418)
contains.

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Color

**XYZ(14.5944, 13.0247,
9.9284)**

Conversions

Conversions Part 1

Format	Color
Hex	825C53
RGB	130, 92, 83
RGB Percent	51%, 36%, 33%
CMY	0.4902, 0.6392, 0.6745
CMYK	0.00, 0.29, 0.36, 0.49
HSL	11°, 22%, 42%
HSV	11°, 36%, 51%
XYZ	14.5944, 13.0247, 9.9284
YIQ	102.3360, 25.5370, 5.2570

Conversions

Conversions Part 2

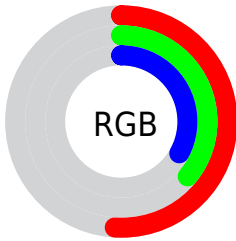
Format	Color
R_{YB}	130, 94, 83
Decimal	8543315
CIE Lab	42.80, 14.29, 11.36
CIE LCh	43, 18.258, 38.478
Yxy	13.0247, 0.3887, 0.3469
Android (android.graphics.Color)	4286733395 (0xFF825C53)
YUV	102.3360, -9.5326, 24.2613
Hunter-Lab	36.0897, 9.0269, 8.9520

Details

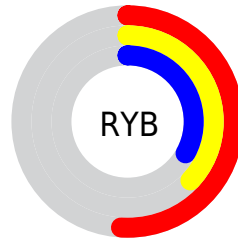
The XYZ color **14.5944, 13.0247, 9.9284** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.4336, 17.1247, 23.6637**, and the grayscale version is **12.7371, 13.4004, 14.5931**.

A 20% lighter version of the original color is **33.6050, 31.2023, 26.0813**, and **4.5513, 3.7562, 2.3189** is the 20% darker color. If you saturate the color by 10%, you get **13.2907, 11.1466, 7.2455**, and if you desaturate by 10%, it is **16.1193, 15.1944, 13.1497**.

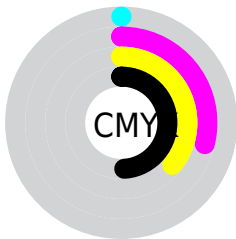
Distribution



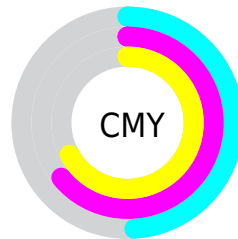
- Red (51%)
- Green (36%)
- Blue (33%)



- Red (51%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (29%)
- Yellow (36%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5944, 13.0247, 9.9284 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 14.5944, 13.0247, 9.9284 by changing the saturation by 10% instead.

■ 14.5944, 13.0247,
9.9284

■ 14.5944, 13.0247,
9.9284

214.3353,
211.0759, 200.6265

■ 8.6197, 7.4456,
5.2465

■ 33.7176, 31.3482,
26.2664

■ 4.5491, 3.7423,
2.3314

■ 47.5968, 44.8612,
38.7597

■ 2.0172, 1.5305,
0.7487

■ 64.8415, 61.7878,
54.6938

■ 0.6436, 0.3100,
0.0000

■ 85.8170, 82.5122,
74.4874

■ 0.0000, 0.0000,
0.0000

■ 110.8889,
107.4188, 98.5589

140.4223,

136.8920, 127.3269

174.7827,
171.3162, 161.2099

■ 14.5944, 13.0247,
9.9284

■ 14.5944, 13.0247,
9.9284

■ 13.2907, 11.1466,
7.2455

■ 16.1193, 15.1944,
13.1497

■ 12.1967, 9.5457,
5.0707

■ 17.8740, 17.6654,
16.9359

■ 11.3014, 8.2094,
3.3719

■ 19.8680, 20.4495,
21.3125

■ 10.5923, 7.1230,
2.1130

■ 22.1101, 23.5571,
26.3035

■ 10.0556, 6.2706,
1.2527

■ 24.6084, 26.9982,
31.9314

■ 9.6713, 5.6328,
0.7211

■ 27.3706, 30.7824,
38.2175

■ 9.5515, 5.4369,
0.5460

■ 30.4044, 34.9188,
45.1822

■ 33.7169, 39.4163,
52.8451

■ 37.3150, 44.2834,
61.2247

Harmonies

Analogous

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



15.2188, 13.0247, 13.0818



14.5944, 13.0247, 9.9284



13.3873, 13.0247, 8.1812

Triad

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



14.5944, 13.0247, 9.9284



10.0537, 13.0247, 11.5523



12.7782, 13.0247, 23.1904

Complementary

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



14.5944, 13.0247, 9.9284



14.4336, 17.1247, 23.6637

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.



11.4238, 13.0247, 22.5707



14.5944, 13.0247, 9.9284



9.9174, 13.0247, 15.3416

Square

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



14.5944, 13.0247, 9.9284



10.7884, 13.0247, 8.9892



10.4010, 13.0247, 19.5035



14.1200, 13.0247, 21.0656

Rectangle

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



14.5944, 13.0247, 9.9284



12.4508, 13.0247, 7.8183



10.4010, 13.0247, 19.5035



12.3087, 13.0247, 23.3030

Sweetspot

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



14.5947, 13.0253, 9.9287



33.1462, 33.4447, 33.4728



15.7740, 12.3223, 19.7597



7.4161, 7.4494, 7.3870



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.



14.5947, 13.0253, 9.9287



23.8743, 20.3085, 13.7113



16.9113, 17.6585, 10.7009



4.3893, 4.4674, 4.5511



9.1625, 5.2214, 0.5249



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.4336, 17.1247, 23.6637



23.5403, 28.5771, 41.4677



11.9534, 12.1644, 22.8370



4.3786, 4.7513, 5.4996



8.7213, 11.2610, 21.9639



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5944, 13.0247, 9.9284 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 14.5944, 13.0247, 9.9284 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 14.5944, 13.0247, 9.9284

Background



This preview shows how black text looks on a background with the XYZ color 14.5944, 13.0247, 9.9284.



This preview shows how white text looks on a background with the XYZ color 14.5944, 13.0247,

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

14.5944, 13.0247, 9.9284

Protanopia

12.3178, 13.0597, 10.8884

Deuteranopia

13.2689, 13.0101, 9.7945



Tritanopia

15.1739, 13.0007, 13.0189

Trichromacy



Original Color

14.5944, 13.0247, 9.9284

Protanomaly

13.1176, 13.0521, 10.6320

Deuteranomaly

13.6412, 12.9312, 9.7596

Tritanomaly

15.0329, 13.0802, 11.8576

Monochromacy



Original Color

14.5944, 13.0247, 9.9284

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.1153, 13.0063, 12.6457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5944, 13.0247, 9.9284 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, 92, 83)` looks like.

```
.text, #text, p{  
    color:rgb(130, 92, 83)  
}
```

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, 92, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 92, 83) }
```

Border

The CSS property to change the border of an element to XYZ 14.5944, 13.0247, 9.9284 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, 92, 83) }
```


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

```
.border{ border-color:rgb(130, 92, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 92, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 92, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 92, 83);  
box-shadow:4px 4px 4px 4px rgb(130, 92,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5944, 13.0247, 9.9284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 92, 83) }
```

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

```
.background{ background-color: rgb(130, 92,  
83) }
```

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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