

Converting Colors

XYZ(14.2438, 14.4833, 10.5110)

Have a look what the booklet for
XYZ(14.2438, 14.4833, 10.5110)
contains.

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Color

**XYZ(14.2963, 14.5338,
10.4393)**

Conversions

Conversions Part 1

Format	Color
Hex	786854
RGB	120, 104, 84
RGB Percent	47%, 41%, 33%
CMY	0.5294, 0.5921, 0.6706
CMYK	0.00, 0.13, 0.30, 0.53
HSL	33°, 18%, 40%
HSV	33°, 30%, 47%
XYZ	14.2963, 14.5338, 10.4393
YIQ	106.5040, 15.9560, -2.8280

Conversions

Conversions Part 2

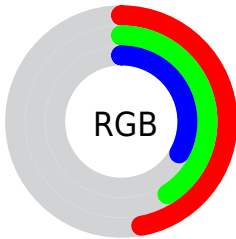
Format	Color
R_{YB}	113, 120, 84
Decimal	7891028
CIE _{Lab}	44.99, 3.02, 13.62
CIE _{LCh}	45, 13.948, 77.474
Yxy	14.5338, 0.3641, 0.3701
Android (android.graphics.Color)	4286081108 (0xFF786854)
YUV	106.5040, -11.0945, 11.8360
Hunter-Lab	38.1232, 0.2223, 10.4508

Details

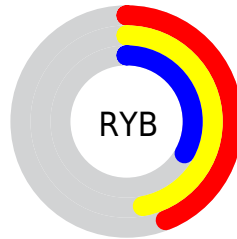
The XYZ color **14.2963, 14.5338, 10.4393** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6034, 12.3549, 19.5426**, and the grayscale version is **13.8649, 14.5870, 15.8852**.

A 20% lighter version of the original color is **33.2580, 34.0482, 27.3733**, and **4.4279, 4.4123, 2.5377** is the 20% darker color. If you saturate the color by 10%, you get **13.3462, 13.3224, 7.9991**, and if you desaturate by 10%, it is **15.3617, 15.8467, 13.3156**.

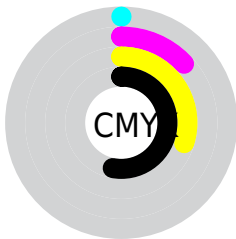
Distribution



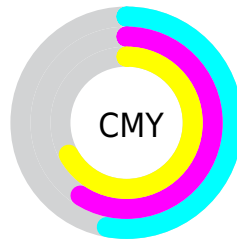
- Red (47%)
- Green (41%)
- Blue (33%)



- Red (44%)
- Yellow (47%)
- Blue (33%)



- Cyan (0%)
- Magenta (13%)
- Yellow (30%)
- Black (53%)



- Cyan (53%)
- Magenta (59%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2963, 14.5338, 10.4393 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 14.2963, 14.5338, 10.4393 by changing the saturation by 10% instead.

■ 14.2963, 14.5338,
10.4393

■ 14.2963, 14.5338,
10.4393

212.5403,
220.5268, 204.3767

■ 8.4101, 8.4929,
5.5818

■ 33.1957, 34.0332,
27.2392

■ 4.4125, 4.4119,
2.5279

■ 46.9397, 48.2605,
40.0187

■ 1.9380, 1.9065,
0.8549

■ 64.0336, 65.9853,
56.2758

■ 0.5988, 0.5523,
0.0000

■ 84.8429, 87.5921,
76.4293

■ 0.0000, 0.0000,
0.0000

■ 109.7329,
113.4653, 100.8976

139.0688,

143.9892, 130.0992

173.2162,
179.5482, 164.4528

■ 14.2963, 14.5338,
10.4393

■ 14.2963, 14.5338,
10.4393

■ 13.3462, 13.3224,
7.9991

■ 15.3617, 15.8467,
13.3156

■ 12.5055, 12.2075,
5.9723

■ 16.5456, 17.2617,
16.6474

■ 11.7695, 11.1869,
4.3354

■ 17.8526, 18.7823,
20.4540

■ 11.1325, 10.2571,
3.0622

■ 19.2866, 20.4108,
24.7533

■ 10.5884, 9.4146,
2.1233

■ 20.8514, 22.1497,
29.5623

■ 10.1300, 8.6554,
1.4846

■ 22.5505, 24.0012,
34.8971

■ 9.7337, 7.9690,
1.0252

■ 24.3875, 25.9677,
40.7732

■ 9.7337, 7.9689,
1.0251

■ 26.3655, 28.0512,
47.2055

■ 28.4879, 30.2540,
54.2080

Harmonies

Analogous

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



15.3540, 14.5338, 11.6230



14.2963, 14.5338, 10.4393



13.1642, 14.5338, 10.5463

Triad

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



14.2963, 14.5338, 10.4393



11.8210, 14.5338, 17.7920



15.4985, 14.5338, 20.4741

Complementary

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



14.2963, 14.5338, 10.4393



11.6034, 12.3549, 19.5426

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.



14.4848, 14.5338, 22.6232



14.2963, 14.5338, 10.4393



12.3804, 14.5338, 20.9340

Square

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



14.2963, 14.5338, 10.4393



11.7768, 14.5338, 14.4981



13.3426, 14.5338, 22.8023



16.0734, 14.5338, 17.2302

Rectangle

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



14.2963, 14.5338, 10.4393



12.5189, 14.5338, 11.3350



13.3426, 14.5338, 22.8023



15.1953, 14.5338, 21.3668

Sweetspot

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



14.2967, 14.5345, 10.4396



29.2717, 30.5618, 29.7708



13.2261, 11.2579, 13.5835



6.8740, 7.1685, 6.8746



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.



14.2967, 14.5345, 10.4396



23.9735, 24.0776, 15.3271



15.8152, 17.9387, 11.0167



4.1657, 4.3498, 4.2445



10.6045, 8.6650, 1.1136



49.7253, 39.6141, 5.0255

Inverse Universe

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



11.6034, 12.3549, 19.5426



18.4312, 19.5938, 34.0636



10.3800, 9.6659, 19.0880



3.9306, 4.1595, 5.0389



5.0897, 4.2619, 19.9397



23.4564, 18.6854, 94.8401

Previews

White Background



This preview shows how the XYZ color 14.2963, 14.5338, 10.4393 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 14.2963, 14.5338, 10.4393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

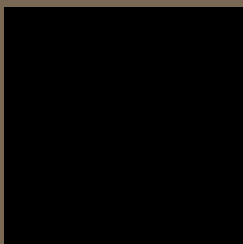
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

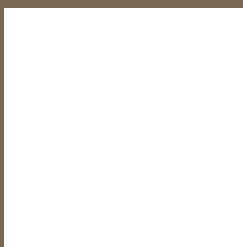
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2963, 14.5338, 10.4393

Background



This preview shows how black text looks on a background with the XYZ color 14.2963, 14.5338, 10.4393.



This preview shows how white text looks on a background with the XYZ color 14.2963, 14.5338,

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

14.2963, 14.5338, 10.4393

Protanopia

13.6038, 14.4747, 10.6712

Deuteranopia

14.6638, 14.4279, 10.3995



Tritanopia

15.5288, 14.6010, 16.1872

Trichromacy



Original Color

14.2963, 14.5338, 10.4393

Protanomaly

13.8937, 14.4720, 10.6554

Deuteranomaly

14.6189, 14.5515, 10.4257

Tritanomaly

15.0295, 14.5412, 13.8190

Monochromacy



Original Color

14.2963, 14.5338, 10.4393

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0883, 14.6537, 13.8903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2963, 14.5338, 10.4393 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(120, 104, 84)` looks like.

```
.text, #text, p{  
    color:rgb(120, 104, 84)  
}
```

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(120, 104, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 104, 84) }
```

Border

The CSS property to change the border of an element to XYZ 14.2963, 14.5338, 10.4393 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(120, 104, 84) }
```


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

```
.border{ border-color:rgb(120, 104, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 104, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 104, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 104, 84);  
box-shadow:4px 4px 4px 4px rgb(120, 104,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2963, 14.5338, 10.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 104, 84) }
```

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

```
.background{ background-color: rgb(120,  
104, 84) }
```

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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