

Converting Colors

XYZ(15.1459, 13.8361, 10.1641)

Have a look what the booklet for
XYZ(15.1459, 13.8361, 10.1641)
contains.

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Color

**XYZ(15.1432, 13.8311,
10.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	836054
RGB	131, 96, 84
RGB Percent	51%, 38%, 33%
CMY	0.4863, 0.6235, 0.6706
CMYK	0.00, 0.27, 0.36, 0.49
HSL	15°, 22%, 42%
HSV	15°, 36%, 51%
XYZ	15.1432, 13.8311, 10.2590
YIQ	105.0970, 24.7120, 3.6880

Conversions

Conversions Part 2

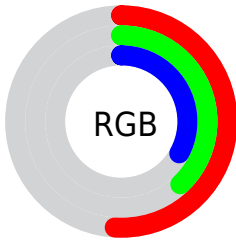
Format	Color
R_{YB}	131, 100, 84
Decimal	8609876
CIE _{Lab}	43.99, 12.48, 12.42
CIE _{LCh}	44, 17.611, 44.864
Yxy	13.8311, 0.3860, 0.3525
Android (android.graphics.Color)	4286799956 (0xFF836054)
YUV	105.0970, -10.4008, 22.7169
Hunter-Lab	37.1902, 7.5993, 9.6778




Details

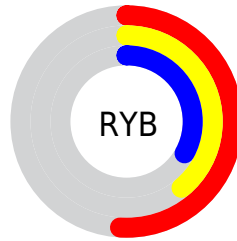
The XYZ color **15.1432, 13.8311, 10.2590** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.3495, 16.7167, 23.9432**, and the grayscale version is **13.4764, 14.1782, 15.4401**.




A 20% lighter version of the original color is **34.7444, 32.9030, 27.0739**, and **4.8151, 4.1332, 2.4635** is the 20% darker color. If you saturate the color by 10%, you get **13.8420, 11.9743, 7.5262**, and if you desaturate by 10%, it is **16.6516, 15.9485, 13.5346**.

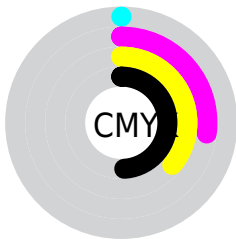
Distribution







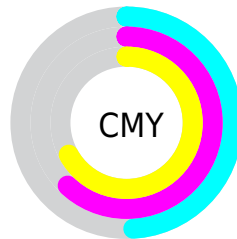
-  Red (51%)
-  Green (38%)
-  Blue (33%)






-  Red (51%)
-  Yellow (39%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (27%)
-  Yellow (36%)
-  Black (49%)



-  Cyan (49%)
-  Magenta (62%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1432, 13.8311, 10.2590 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 15.1432, 13.8311, 10.2590 by changing the saturation by 10% instead.

■ 15.1432, 13.8311,
10.2590

■ 15.1432, 13.8311,
10.2590

217.6026,
216.1775, 203.0622

■ 9.0069, 8.0033,
5.4632

■ 34.6738, 32.7890,
26.8969

■ 4.8028, 4.0971,
2.4581

■ 48.7988, 46.6880,
39.5761

■ 2.1656, 1.7280,
0.8178

■ 66.3175, 64.0460,
55.7201

■ 0.7245, 0.4417,
0.0000

■ 87.5951, 85.2477,
75.7476

■ 0.0000, 0.0000,
0.0000

■ 112.9971,
110.6772, 100.0770

142.8887,

140.7191, 129.1269

177.6355,
175.7578, 163.3158

■ 15.1432, 13.8311,
10.2590

■ 15.1432, 13.8311,
10.2590

■ 13.8420, 11.9743,
7.5262

■ 16.6516, 15.9485,
13.5346

■ 12.7374, 10.3660,
5.3059

■ 18.3749, 18.3342,
17.3796

■ 11.8197, 8.9959,
3.5659

■ 20.3216, 20.9979,
21.8197

■ 11.0778, 7.8522,
2.2700

■ 22.4996, 23.9483,
26.8788

■ 10.4992, 6.9221,
1.3767

■ 24.9163, 27.1938,
32.5796

■ 10.0662, 6.1901,
0.8193

■ 27.5787, 30.7422,
38.9434

■ 9.9167, 5.9384,
0.6236

■ 30.4937, 34.6013,
45.9909

■ 33.6677, 38.7784,
53.7414

■ 37.1070, 43.2807,
62.2140

Harmonies

Analogous

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



15.9168, 13.8311, 13.1714



15.1432, 13.8311, 10.2590



13.8599, 13.8311, 8.7878

Triad

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



15.1432, 13.8311, 10.2590



10.7200, 13.8311, 13.1391



13.8472, 13.8311, 23.7854

Complementary

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



15.1432, 13.8311, 10.2590



14.3495, 16.7167, 23.9432

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.



12.4571, 13.8311, 23.7725



15.1432, 13.8311, 10.2590



10.7171, 13.8311, 17.1204

Square

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



15.1432, 13.8311, 10.2590



11.3409, 13.8311, 10.2390



11.3327, 13.8311, 21.1639



15.1333, 13.8311, 21.1964

Rectangle

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



15.1432, 13.8311, 10.2590



12.9196, 13.8311, 8.6218



11.3327, 13.8311, 21.1639



13.3751, 13.8311, 24.0983

Sweetspot

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



15.1436, 13.8318, 10.2593



34.4667, 34.9751, 34.6643



15.8754, 12.5040, 19.1085



7.9335, 8.0183, 7.8634



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.1436, 13.8318, 10.2593



25.1998, 22.0358, 14.3286



17.5871, 18.7188, 11.0738



4.7621, 4.8679, 4.9180



9.7633, 5.8493, 0.6144



0.0390, 0.0306, 0.0038

Inverse Universe

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



14.3495, 16.7167, 23.9432



23.5499, 27.9824, 42.6131



11.9131, 11.8439, 23.1311



4.7036, 5.0829, 5.9339



8.2924, 10.1326, 22.6554



0.0346, 0.0468, 0.0804

Previews

White Background



This preview shows how the XYZ color 15.1432, 13.8311, 10.2590 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 15.1432, 13.8311, 10.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

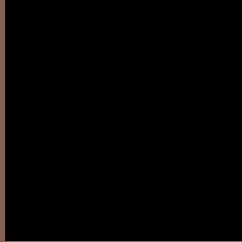
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1432, 13.8311, 10.2590

Background



This preview shows how black text looks on a background with the XYZ color 15.1432, 13.8311, 10.2590.



This preview shows how white text looks on a background with the XYZ color 15.1432, 13.8311,

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

15.1432, 13.8311, 10.2590

Protanopia

13.1422, 13.9202, 11.2267

Deuteranopia

14.0037, 13.8038, 10.1099



Tritanopia

16.0245, 13.9315, 14.1564

Trichromacy



Original Color

15.1432, 13.8311, 10.2590

Protanomaly

13.8452, 13.8470, 10.9598

Deuteranomaly

14.4806, 13.9082, 10.1050

Tritanomaly

15.6735, 13.9162, 12.6865

Monochromacy



Original Color

15.1432, 13.8311, 10.2590

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.8485, 13.9432, 13.2707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1432, 13.8311, 10.2590 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(131, 96, 84)` looks like.

```
.text, #text, p{  
    color:rgb(131, 96, 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(131, 96, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 96, 84) }
```

Border

The CSS property to change the border of an element to XYZ 15.1432, 13.8311, 10.2590 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(131, 96, 84) }
```


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

```
.border{ border-color:rgb(131, 96, 84) }
```

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

Here you see how a box with a 4 pixel rgb(131, 96, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 96, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 96, 84);  
box-shadow:4px 4px 4px 4px rgb(131, 96,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1432, 13.8311, 10.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 96, 84) }
```

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

```
.background{ background-color: rgb(131, 96,  
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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