

Converting Colors

XYZ(16.4386, 14.0880, 10.5434)

Have a look what the booklet for
XYZ(16.4386, 14.0880, 10.5434)
contains.

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Color

**XYZ(16.3693, 14.0600,
10.4454)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5D55
RGB	140, 93, 85
RGB Percent	55%, 36%, 33%
CMY	0.4510, 0.6353, 0.6667
CMYK	0.00, 0.34, 0.39, 0.45
HSL	9°, 24%, 44%
HSV	9°, 39%, 55%
XYZ	16.3693, 14.0600, 10.4454
YIQ	106.1410, 30.5800, 7.4760

Conversions

Conversions Part 2

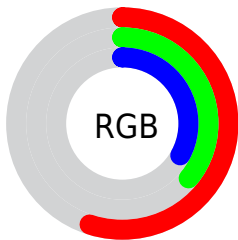
Format	Color
RYB	140, 94, 85
Decimal	9198933
CIELab	44.32, 18.19, 12.44
CIElCh	44, 22.038, 34.373
Yxy	14.0600, 0.4005, 0.3440
Android (android.graphics.Color)	4287389013 (0xFF8C5D55)
YUV	106.1410, -10.4225, 29.6943
Hunter-Lab	37.4967, 12.3056, 9.7313

Details

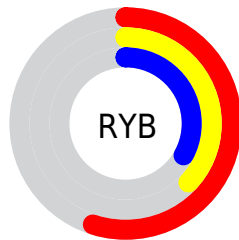
The XYZ color **16.3693, 14.0600, 10.4454** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.7310, 20.3267, 27.8527**, and the grayscale version is **13.7604, 14.4770, 15.7654**.

A 20% lighter version of the original color is **36.8521, 33.2979, 27.4065**, and **5.3845, 4.1819, 2.5309** is the 20% darker color. If you saturate the color by 10%, you get **14.8981, 11.9213, 7.4772**, and if you desaturate by 10%, it is **18.1156, 16.5727, 14.0486**.

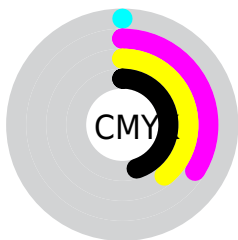
Distribution



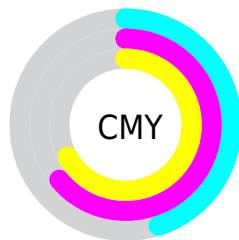
- Red (55%)
- Green (36%)
- Blue (33%)



- Red (55%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (34%)
- Yellow (39%)
- Black (45%)



- Cyan (45%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3693, 14.0600, 10.4454 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 16.3693, 14.0600, 10.4454 by changing the saturation by 10% instead.

■ 16.3693, 14.0600,
10.4454

■ 16.3693, 14.0600,
10.4454

224.7389,
217.6038, 204.4210

■ 9.8784, 8.1624,
5.5858

■ 36.7904, 33.1955,
27.2508

■ 5.3800, 4.1990,
2.5302

■ 51.4513, 47.2021,
40.0336

■ 2.5089, 1.7855,
0.8561

■ 69.5663, 64.6806,
56.2946

■ 0.8998, 0.4781,
0.0000

■ 91.5006, 86.0152,
76.4523

■ 0.0000, 0.0000,
0.0000

■ 117.6197,
111.5905, 100.9253

148.2889,

141.7907, 130.1320

183.8735,
177.0004, 164.4911

■ 16.3693, 14.0600,
10.4454

■ 16.3693, 14.0600,
10.4454

■ 14.8981, 11.9213,
7.4772

■ 18.1156, 16.5727,
14.0486

■ 13.6867, 10.1367,
5.1062

■ 20.1490, 19.4739,
18.3199

■ 12.7201, 8.6875,
3.2920

■ 22.4822, 22.7800,
23.2910

■ 11.9812, 7.5526,
1.9887

■ 25.1266, 26.5057,
28.9914

■ 11.4506, 6.7082,
1.1432

■ 28.0933, 30.6651,
35.4490

■ 11.0931, 6.1223,
0.6258

■ 31.3925, 35.2715,
42.6901

■ 11.0720, 6.0890,
0.5917

■ 35.0343, 40.3377,
50.7397

■ 39.0281, 45.8761,
59.6219

■ 43.3831, 51.8983,
69.3596

Harmonies

Analogous

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



17.0465, 14.0600, 14.5788



16.3693, 14.0600, 10.4454



14.8879, 14.0600, 8.1037

Triad

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



16.3693, 14.0600, 10.4454



10.5278, 14.0600, 11.4736



13.6244, 14.0600, 27.2079

Complementary

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



16.3693, 14.0600, 10.4454



16.7310, 20.3267, 27.8527

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.



11.9470, 14.0600, 25.8674



16.3693, 14.0600, 10.4454



10.2535, 14.0600, 16.0631

Square

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



16.3693, 14.0600, 10.4454



11.5354, 14.0600, 8.5991



10.7504, 14.0600, 21.4873



15.3755, 14.0600, 24.8289

Rectangle

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



16.3693, 14.0600, 10.4454



13.6996, 14.0600, 7.5224



10.7504, 14.0600, 21.4873



13.0332, 14.0600, 27.1807

Sweetspot

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



16.3697, 14.0607, 10.4457



38.3599, 38.3562, 38.3302



18.2745, 13.7569, 23.7621



8.7320, 8.6866, 8.6037



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.3697, 14.0607, 10.4457



26.5754, 21.4701, 13.7993



19.1515, 19.6244, 11.3730



5.0878, 5.1585, 5.2799



9.8477, 5.4298, 0.5290



0.0719, 0.0490, 0.0057

Inverse Universe

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



16.7310, 20.3267, 27.8527



27.2913, 34.0754, 48.8818



13.5487, 13.9620, 26.7920



5.1119, 5.5667, 6.4109



10.1454, 13.5611, 24.1285



0.0752, 0.1058, 0.1629

Previews

White Background



This preview shows how the XYZ color 16.3693, 14.0600, 10.4454 looks on a white background.

Color Contrast Check

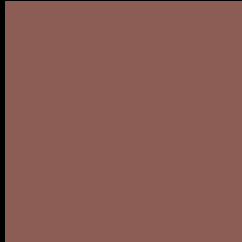
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3693, 14.0600, 10.4454 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 16.3693, 14.0600, 10.4454

Background



This preview shows how black text looks on a background with the XYZ color 16.3693, 14.0600, 10.4454.



This preview shows how white text looks on a background with the XYZ color 16.3693, 14.0600,

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

16.3693, 14.0600, 10.4454

Protanopia

13.3703, 14.1735, 11.9286

Deuteranopia

14.4223, 14.1584, 10.3602



Tritanopia

16.9302, 14.0267, 13.3704

Trichromacy



Original Color

16.3693, 14.0600, 10.4454

Protanomaly

14.3420, 14.0936, 11.4156

Deuteranomaly

15.0212, 14.0426, 10.3063

Tritanomaly

16.7874, 14.1073, 12.1941

Monochromacy



Original Color

16.3693, 14.0600, 10.4454

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.3295, 14.0408, 13.5102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3693, 14.0600, 10.4454 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(140, 93, 85)` looks like.

```
.text, #text, p{  
    color:rgb(140, 93, 85)  
}
```

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(140, 93, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 93, 85) }
```

Border

The CSS property to change the border of an element to XYZ 16.3693, 14.0600, 10.4454 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(140, 93, 85) }
```


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

```
.border{ border-color:rgb(140, 93, 85) }
```

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

Here you see how a box with a 4 pixel rgb(140, 93, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 93, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 93, 85);  
box-shadow:4px 4px 4px 4px rgb(140, 93,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3693, 14.0600, 10.4454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 93, 85) }
```

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

```
.background{ background-color: rgb(140, 93,  
85) }
```

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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