

Converting Colors

XYZ(13.7303, 10.6449, 4.1782)

Have a look what the booklet for
XYZ(13.7303, 10.6449, 4.1782)
contains.

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Color

**XYZ(13.7975, 10.6864,
4.1318)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4A30
RGB	140, 74, 48
RGB Percent	55%, 29%, 19%
CMY	0.4510, 0.7098, 0.8118
CMYK	0.00, 0.47, 0.66, 0.45
HSL	17°, 49%, 37%
HSV	17°, 66%, 55%
XYZ	13.7975, 10.6864, 4.1318
YIQ	90.7700, 47.6820, 5.9060

Conversions

Conversions Part 2

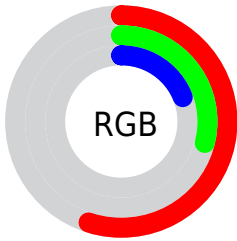
Format	Color
RYB	140, 84, 48
Decimal	9194032
CIELab	39.05, 25.51, 27.70
CIElCh	39, 37.655, 47.361
Yxy	10.6864, 0.4822, 0.3734
Android (android.graphics.Color)	4287384112 (0xFF8C4A30)
YUV	90.7700, -21.0856, 43.1747
Hunter-Lab	32.6901, 18.1319, 15.3892

Details

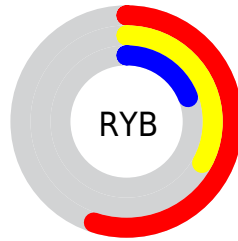
The XYZ color **13.7975, 10.6864, 4.1318** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.9695, 14.5557, 26.9895**, and the grayscale version is **9.9307, 10.4479, 11.3778**.

A 20% lighter version of the original color is **32.2992, 27.1118, 14.3572**, and **4.1725, 2.7662, 0.3714** is the 20% darker color. If you saturate the color by 10%, you get **12.9351, 9.3534, 2.6371**, and if you desaturate by 10%, it is **14.8587, 12.2712, 6.1430**.

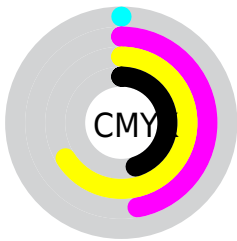
Distribution



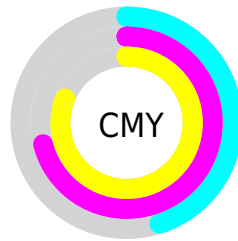
- Red (55%)
- Green (29%)
- Blue (19%)



- Red (55%)
- Yellow (33%)
- Blue (19%)



- Cyan (0%)
- Magenta (47%)
- Yellow (66%)
- Black (45%)





- Cyan (45%)
- Magenta (71%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.7975, 10.6864, 4.1318 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 13.7975, 10.6864, 4.1318 by changing the saturation by 10% instead.


 13.7975, 10.6864,
4.1318


 13.7975, 10.6864,
4.1318


209.5033,
195.5032, 149.6792


 8.0607, 5.8564,
1.6979


 32.3186, 27.0788,
14.3126


 4.1860, 2.7579,
0.3593

 45.8336, 39.4100,
22.8966


 1.8079, 1.0067,
0.0000

 62.6720, 55.0103,
34.3678

 0.5224, 0.0000,
0.0000

 83.1992, 74.2642,
49.1446

 0.0000, 0.0000,
0.0000

 107.7806, 97.5560,
67.6456

 136.7815,

125.2702, 90.2893

170.5673,
157.7912, 117.4944

■ 13.7975, 10.6864,
4.1318

■ 13.7975, 10.6864,
4.1318

■ 12.9351, 9.3534,
2.6371

■ 14.8587, 12.2712,
6.1430

■ 12.2568, 8.2567,
1.6096

■ 16.1304, 14.1187,
8.7127

■ 11.7441, 7.3807,
0.9780

■ 17.6244, 16.2411,
11.8790

■ 11.5596, 7.0642,
0.7543

■ 19.3511, 18.6493,
15.6767

■ 21.3203, 21.3537,
20.1378

■ 23.5414, 24.3640,
25.2921

■ 26.0230, 27.6897,
31.1676

■ 28.7734, 31.3396,
37.7907

■ 31.8007, 35.3223,
45.1866

Harmonies

Analogous

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



15.5070, 10.6864, 7.9730



13.7975, 10.6864, 4.1318



11.2524, 10.6864, 2.6784

Triad

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



13.7975, 10.6864, 4.1318



6.1315, 10.6864, 8.8608



11.6695, 10.6864, 30.4914

Complementary

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



13.7975, 10.6864, 4.1318



11.9695, 14.5557, 26.9895

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.



9.1353, 10.6864, 31.0563



13.7975, 10.6864, 4.1318



6.2054, 10.6864, 16.2768

Square

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



13.7975, 10.6864, 4.1318



6.9988, 10.6864, 4.5498



7.2210, 10.6864, 25.0867



14.1460, 10.6864, 23.7639

Rectangle

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



13.7975, 10.6864, 4.1318



9.5500, 10.6864, 2.5961



7.2210, 10.6864, 25.0867



10.7894, 10.6864, 31.4843

Sweetspot

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



13.7978, 10.6870, 4.1320



35.9001, 35.3368, 31.6520



14.9936, 8.9380, 17.2958



8.0760, 7.8725, 6.8499



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.



13.7978, 10.6870, 4.1320



22.1743, 15.4825, 3.6552



17.8901, 18.8717, 5.4961



5.1405, 5.2639, 5.2975



10.2864, 6.3072, 0.6753



0.0795, 0.0642, 0.0082

Inverse Universe

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



11.9695, 14.5557, 26.9895



18.6151, 22.6895, 47.1414



8.1096, 6.8358, 25.7028



5.0554, 5.4537, 6.3921



8.3092, 9.8886, 23.5164



0.0677, 0.0906, 0.1604

Previews

White Background



This preview shows how the XYZ color 13.7975, 10.6864, 4.1318 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 13.7975, 10.6864, 4.1318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

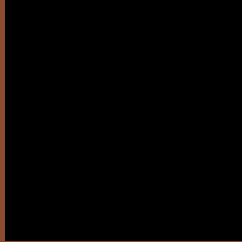
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.7975, 10.6864, 4.1318

Background



This preview shows how black text looks on a background with the XYZ color 13.7975, 10.6864, 4.1318.



This preview shows how white text looks on a background with the XYZ color 13.7975, 10.6864,

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

13.7975, 10.6864, 4.1318

Protanopia

9.9470, 10.8617, 5.0623

Deuteranopia

10.9028, 10.7463, 3.9822



Tritanopia

14.7131, 10.7791, 8.1426

Trichromacy



Original Color

13.7975, 10.6864, 4.1318

Protanomaly

11.0179, 10.5483, 4.7041

Deuteranomaly

11.7548, 10.5947, 4.0102

Tritanomaly

14.2852, 10.6908, 6.4649

Monochromacy



Original Color

13.7975, 10.6864, 4.1318

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.8252, 10.2562, 8.0657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7975, 10.6864, 4.1318 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, 74, 48)` looks like.

```
.text, #text, p{  
    color:rgb(140, 74, 48)  
}
```

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, 74, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 74, 48) }
```

Border

The CSS property to change the border of an element to XYZ 13.7975, 10.6864, 4.1318 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, 74, 48) }
```


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

```
.border{ border-color:rgb(140, 74, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 74, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 74, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 74, 48);  
box-shadow:4px 4px 4px 4px rgb(140, 74,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7975, 10.6864, 4.1318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 74, 48) }
```

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

```
.background{ background-color: rgb(140, 74,  
48) }
```

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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