

Converting Colors

XYZ(14.2059, 10.9004, 5.3595)

Have a look what the booklet for
XYZ(14.2059, 10.9004, 5.3595)
contains.

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Color

**XYZ(14.1970, 10.8658,
5.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	8D4A3A
RGB	141, 74, 58
RGB Percent	55%, 29%, 23%
CMY	0.4471, 0.7098, 0.7725
CMYK	0.00, 0.48, 0.59, 0.45
HSL	12°, 42%, 39%
HSV	12°, 59%, 55%
XYZ	14.1970, 10.8658, 5.3520
YIQ	92.2090, 45.0680, 9.2280

Conversions

Conversions Part 2

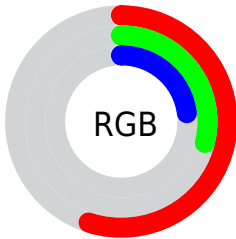
Format	Color
RYB	141, 78, 58
Decimal	9259578
CIELab	39.35, 26.70, 22.17
CIELCh	39, 34.706, 39.712
Yxy	10.8658, 0.4668, 0.3573
Android (android.graphics.Color)	4287449658 (0xFF8D4A3A)
YUV	92.2090, -16.8650, 42.7897
Hunter-Lab	32.9633, 19.1925, 13.4479

Details

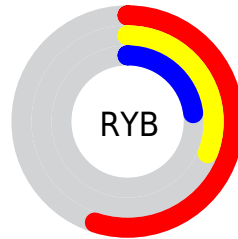
The XYZ color **14.1970, 10.8658, 5.3520** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **13.8857, 17.4887, 27.8429**, and the grayscale version is **10.2516, 10.7855, 11.7454**.

A 20% lighter version of the original color is **33.0462, 27.4410, 16.9195**, and **4.3159, 2.7968, 0.7643** is the 20% darker color. If you saturate the color by 10%, you get **13.1939, 9.3572, 3.4838**, and if you desaturate by 10%, it is **15.4364, 12.6898, 7.7839**.

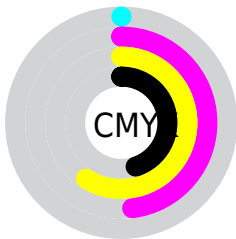
Distribution



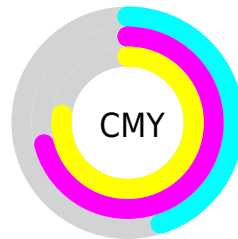
- Red (55%)
- Green (29%)
- Blue (23%)



- Red (55%)
- Yellow (31%)
- Blue (23%)



- Cyan (0%)
- Magenta (48%)
- Yellow (59%)
- Black (45%)



- Cyan (45%)
- Magenta (71%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1970, 10.8658, 5.3520 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 14.1970, 10.8658, 5.3520 by changing the saturation by 10% instead.

■ 14.1970, 10.8658,
5.3520

■ 14.1970, 10.8658,
5.3520

211.9391,
196.7445, 162.2399

■ 8.3404, 5.9767,
2.3929

■ 33.0215, 27.4117,
17.0241

■ 4.3672, 2.8309,
0.7826

■ 46.7202, 39.8373,
26.5743

■ 1.9119, 1.0441,
0.0000

■ 63.7636, 55.5439,
39.1585

■ 0.5837, 0.0000,
0.0000

■ 84.5171, 74.9158,
55.1954

■ 0.0000, 0.0000,
0.0000

■ 109.3460, 98.3374,
75.1034

■ 138.6158,

126.1931, 99.3011

172.6917,
158.8674, 128.2071

■ 14.1970, 10.8658,
5.3520

■ 14.1970, 10.8658,
5.3520

■ 13.1939, 9.3572,
3.4838

■ 15.4364, 12.6898,
7.7839

■ 12.4107, 8.1443,
2.1329

■ 16.9254, 14.8442,
10.8196

■ 11.8299, 7.2075,
1.2462

■ 18.6775, 17.3450,
14.4965

■ 11.4199, 6.5197,
0.7025

■ 20.7045, 20.2067,
18.8484

■ 11.3807, 6.4552,
0.6461

■ 23.0180, 23.4430,
23.9069

■ 25.6286, 27.0667,
29.7017

■ 28.5463, 31.0901,
36.2607

■ 31.7809, 35.5251,
43.6103

■ 35.3416, 40.3828,
51.7756

Harmonies

Analogous

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



15.4372, 10.8658, 9.7845



14.1970, 10.8658, 5.3520



11.9705, 10.8658, 3.3845

Triad

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



14.1970, 10.8658, 5.3520



6.6509, 10.8658, 7.8961



11.1067, 10.8658, 29.6583

Complementary

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



14.1970, 10.8658, 5.3520



13.8857, 17.4887, 27.8429

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.



8.8424, 10.8658, 28.5363



14.1970, 10.8658, 5.3520



6.4919, 10.8658, 14.1446

Square

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



14.1970, 10.8658, 5.3520



7.7074, 10.8658, 4.4205



7.2341, 10.8658, 22.1422



13.4830, 10.8658, 24.7968

Rectangle

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



14.1970, 10.8658, 5.3520



10.3503, 10.8658, 3.0487



7.2341, 10.8658, 22.1422



10.3049, 10.8658, 30.0006

Sweetspot

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



14.1973, 10.8664, 5.3522



37.2653, 36.4492, 34.1591



16.2494, 10.1896, 20.7757



8.1005, 7.8278, 7.1473



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.



14.1973, 10.8664, 5.3522



23.0712, 15.9032, 5.2513



17.8466, 18.1651, 6.5687



5.4879, 5.5820, 5.6776



10.3866, 5.9048, 0.5923



0.1118, 0.0814, 0.0098

Inverse Universe

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



13.8857, 17.4887, 27.8429



22.3971, 28.8198, 49.5102



9.7450, 9.2074, 26.4627



5.4731, 5.9420, 6.8872



9.8620, 12.7099, 24.9106



0.1089, 0.1508, 0.2430

Previews

White Background



This preview shows how the XYZ color 14.1970, 10.8658, 5.3520 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



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 14.1970, 10.8658, 5.3520

Background



This preview shows how black text looks on a background with the XYZ color 14.1970, 10.8658, 5.3520.



This preview shows how white text looks on a background with the XYZ color 14.1970, 10.8658,

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

14.1970, 10.8658, 5.3520

Protanopia

10.2645, 10.9888, 6.7343

Deuteranopia

11.0720, 10.9313, 5.1408



Tritanopia

14.7481, 10.7931, 8.3271

Trichromacy



Original Color

14.1970, 10.8658, 5.3520

Protanomaly

11.4275, 10.7275, 6.1709

Deuteranomaly

12.0525, 10.8371, 5.1979

Tritanomaly

14.5782, 10.8277, 7.1160

Monochromacy



Original Color

14.1970, 10.8658, 5.3520

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.1269, 10.3912, 9.0087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1970, 10.8658, 5.3520 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(141, 74, 58)` looks like.

```
.text, #text, p{  
    color:rgb(141, 74, 58)  
}
```

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(141, 74, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 74, 58) }
```

Border

The CSS property to change the border of an element to XYZ 14.1970, 10.8658, 5.3520 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(141, 74, 58) }
```


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

```
.border{ border-color:rgb(141, 74, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 74, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 74, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 74, 58);  
box-shadow:4px 4px 4px 4px rgb(141, 74,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1970, 10.8658, 5.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 74, 58) }
```

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

```
.background{ background-color: rgb(141, 74,  
58) }
```

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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