

Converting Colors

XYZ(21.5965, 14.0260, 2.1500)

Have a look what the booklet for
XYZ(21.5965, 14.0260, 2.1500)
contains.

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Color

**XYZ(21.5858, 14.0074,
2.1383)**

Conversions

Conversions Part 1

Format	Color
Hex	B74212
RGB	183, 66, 18
RGB Percent	72%, 26%, 7%
CMY	0.2824, 0.7411, 0.9294
CMYK	0.00, 0.64, 0.90, 0.28
HSL	17°, 82%, 39%
HSV	17°, 90%, 72%
XYZ	21.5858, 14.0074, 2.1383
YIQ	95.5110, 85.1400, 9.8760

Conversions

Conversions Part 2

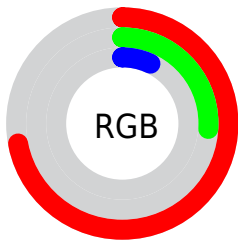
Format	Color
R_{YB}	183, 86, 18
Decimal	12010002
CIE _{Lab}	44.24, 45.39, 49.91
CIE _{LCh}	44, 67.459, 47.717
Yxy	14.0074, 0.5721, 0.3712
Android (android.graphics.Color)	4290200082 (0xFFB74212)
YUV	95.5110, -38.2129, 76.7279
Hunter-Lab	37.4265, 37.4540, 22.8111

Details

The XYZ color **21.5858, 14.0074, 2.1383** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **17.4597, 20.8737, 47.9080**, and the grayscale version is **11.0756, 11.6524, 12.6895**.

A 20% lighter version of the original color is **45.6462, 33.2038, 9.4720**, and **8.0695, 4.2244, 0.3901** is the 20% darker color. If you saturate the color by 10%, you get **20.8124, 12.6356, 1.3420**, and if you desaturate by 10%, it is **22.6461, 15.7860, 3.5468**.

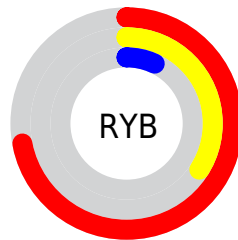
Distribution



Red (72%)

Green (26%)

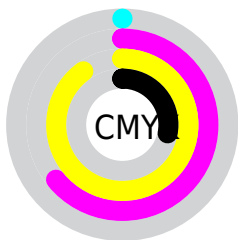
Blue (7%)



Red (72%)

Yellow (34%)

Blue (7%)

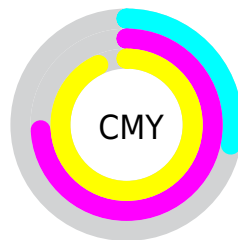


Cyan (0%)

Magenta (64%)

Yellow (90%)

Black (28%)



Cyan (28%)

Magenta (74%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5858, 14.0074, 2.1383 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 21.5858, 14.0074, 2.1383 by changing the saturation by 10% instead.

■ 21.5858, 14.0074,
2.1383

■ 21.5858, 14.0074,
2.1383

253.0487,
217.2769, 124.4886

■ 13.6678, 8.1258,
0.6384

■ 45.5444, 33.1022,
9.4156

■ 7.9701, 4.1756,
0.0000

■ 62.3157, 47.0841,
16.0654

■ 4.1275, 1.7722,
0.0000

■ 82.7688, 64.5350,
25.2807

■ 1.7745, 0.4698,
0.0000

■ 107.2691, 85.8392,
37.4800

■ 0.5022, 0.0000,
0.0000


■ 136.1818,
111.3811, 53.0819


■ 0.0000, 0.0000,
0.0000


■ 169.8725,


141.5450, 72.5050


 208.7063,
176.7155, 96.1677


 21.5858, 14.0074,
2.1383


 21.5858, 14.0074,
2.1383


 20.8124, 12.6356,
1.3420

 22.6461, 15.7860,
3.5468

 24.0319, 17.9864,
5.7698

 25.7725, 20.6368,
8.9113

 27.8932, 23.7618,
13.0597

 30.4166, 27.3841,
18.2927

■ 33.3638, 31.5251,
24.6803

■ 36.7539, 36.2045,
32.2868

■ 40.6051, 41.4413,
41.1714

■ 44.9343, 47.2534,
51.3897

Harmonies

Analogous

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



25.8454, 14.0074, 7.8779



21.5858, 14.0074, 2.1383



15.6452, 14.0074, 0.7248

Triad

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



21.5858, 14.0074, 2.1383



5.5308, 14.0074, 9.7632



16.7276, 14.0074, 64.6829

Complementary

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



21.5858, 14.0074, 2.1383



17.4597, 20.8737, 47.9080

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.



11.2260, 14.0074, 66.6126



21.5858, 14.0074, 2.1383



5.6738, 14.0074, 26.2003

Square

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



21.5858, 14.0074, 2.1383



7.0179, 14.0074, 2.7224



7.4817, 14.0074, 49.4931



22.5603, 14.0074, 45.2530

Rectangle

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



21.5858, 14.0074, 2.1383



11.9683, 14.0074, 0.6595



7.4817, 14.0074, 49.4931



14.7562, 14.0074, 67.7169

Sweetspot

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



21.5861, 14.0082, 2.1385



61.3241, 58.6413, 47.6826



24.2063, 12.2846, 24.4812



13.1132, 12.3525, 9.5760



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



21.5861, 14.0082, 2.1385



37.1032, 22.2864, 2.3462



30.1100, 31.0561, 4.9798



9.2118, 9.4266, 9.4409



14.5716, 8.9195, 0.9536



0.5688, 0.4247, 0.0520

Inverse Universe

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



17.4597, 20.8737, 47.9080



29.3386, 34.1845, 85.2877



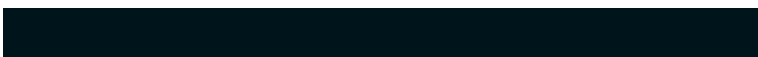
10.1043, 6.1628, 45.4562



9.0400, 9.7572, 11.4863



11.5703, 13.6003, 33.2684



0.4584, 0.5805, 1.1896

Previews

White Background



This preview shows how the XYZ color 21.5858, 14.0074, 2.1383 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 21.5858, 14.0074, 2.1383

Background



This preview shows how black text looks on a background with the XYZ color 21.5858, 14.0074, 2.1383.



This preview shows how white text looks on a background with the XYZ color 21.5858, 14.0074,

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

21.5858, 14.0074, 2.1383

Protanopia

12.8348, 14.2435, 3.1714

Deuteranopia

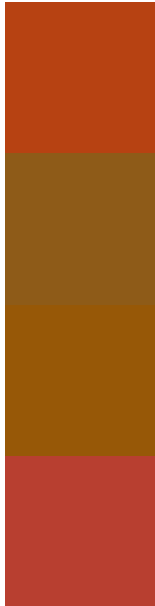
14.2300, 14.1009, 1.9717



Tritanopia

22.4439, 14.0172, 6.5237

Trichromacy



Original Color

21.5858, 14.0074, 2.1383

Protanomaly

15.0613, 13.2989, 2.6373

Deuteranomaly

16.2906, 13.5741, 1.9625

Tritanomaly

22.0782, 13.9588, 4.3270

Monochromacy



Original Color

21.5858, 14.0074, 2.1383

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

13.1940, 11.5035, 6.9939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5858, 14.0074, 2.1383 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(183, 66, 18)` looks like.

```
.text, #text, p{  
    color:rgb(183, 66, 18)  
}
```

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(183, 66, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 66, 18) }
```

Border

The CSS property to change the border of an element to XYZ 21.5858, 14.0074, 2.1383 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(183, 66, 18) }
```


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

```
.border{ border-color:rgb(183, 66, 18) }
```

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

Here you see how a box with a 4 pixel rgb(183, 66, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 66, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 66, 18);  
box-shadow:4px 4px 4px 4px rgb(183, 66,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5858, 14.0074, 2.1383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 66, 18) }
```

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

```
.background{ background-color: rgb(183, 66,  
18) }
```

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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