

Converting Colors

XYZ(21.5134, 28.0215, 14.4000)

Have a look what the booklet for
XYZ(21.5134, 28.0215, 14.4000)
contains.

XYZ(21.5134, 28.0215, 14.4000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.5134, 28.0215,
14.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9A5C
RGB	122, 154, 92
RGB Percent	48%, 60%, 36%
CMY	0.5216, 0.3961, 0.6392
CMYK	0.21, 0.00, 0.40, 0.40
HSL	91°, 25%, 48%
HSV	91°, 40%, 60%
XYZ	21.5134, 28.0215, 14.4000
YIQ	137.3640, 0.8300, -26.0660

Conversions

Conversions Part 2

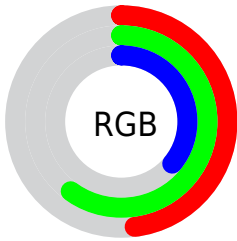
Format	Color
R_{YB}	92, 154, 124
Decimal	8034908
CIE _{Lab}	59.91, -22.48, 28.98
CIE _{LCh}	60, 36.673, 127.797
Yxy	28.0215, 0.3365, 0.4383
Android (android.graphics.Color)	4286224988 (0xFF7A9A5C)
YUV	137.3640, -22.3645, -13.4742
Hunter-Lab	52.9353, -20.0928, 20.9261

Details

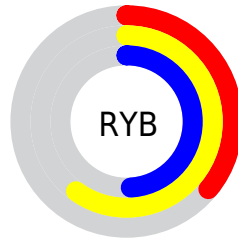
The XYZ color **21.5134, 28.0215, 14.4000** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.9732, 14.2733, 32.3812**, and the grayscale version is **23.9982, 25.2480, 27.4950**.

A 20% lighter version of the original color is **45.4376, 56.6981, 34.5356**, and **7.9774, 11.2601, 4.1358** is the 20% darker color. If you saturate the color by 10%, you get **19.8278, 27.2234, 11.1572**, and if you desaturate by 10%, it is **23.4294, 28.9242, 18.3691**.

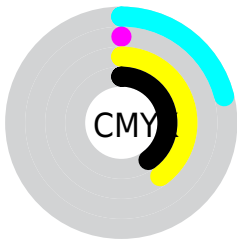
Distribution



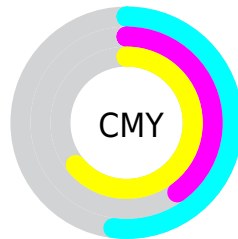
- Red (48%)
- Green (60%)
- Blue (36%)



- Red (36%)
- Yellow (60%)
- Blue (49%)



- Cyan (21%)
- Magenta (0%)
- Yellow (40%)
- Black (40%)



- Cyan (52%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5134, 28.0215, 14.4000 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 21.5134, 28.0215, 14.4000 by changing the saturation by 10% instead.

■ 21.5134, 28.0215,
14.4000

■ 21.5134, 28.0215,
14.4000

252.6749,
292.5696, 231.2196

■ 13.6144, 18.3419,
8.2575

■ 45.4253, 56.5188,
34.5244

■ 7.9329, 11.1957,
4.1700

■ 62.1689, 76.1052,
49.3433

■ 4.1035, 6.1986,
1.7191

■ 82.5914, 99.7627,
67.8915

■ 1.7608, 2.9662,
0.3738

■ 107.0581,
127.8756, 90.5874

■ 0.4939, 1.1141,
0.0000

135.9345,
160.8283, 117.8497

■ 0.0000, 0.0000,
0.0000

169.5859,

199.0053, 150.0967

208.3775,
242.7910, 187.7472

■ 21.5134, 28.0215,
14.4000

■ 21.5134, 28.0215,
14.4000

■ 19.8278, 27.2234,
11.1572

■ 23.4294, 28.9242,
18.3691

■ 18.3599, 26.5219,
8.5949

■ 25.5834, 29.9321,
23.1032

■ 17.0989, 25.9133,
6.6648


■ 27.9853, 31.0503,
28.6401


■ 16.0320, 25.3921,
5.3115


■ 30.6437, 32.2824,
35.0148


■ 15.1442, 24.9521,
4.4700


■ 33.5667, 33.6319,
42.2603

 14.4198, 24.5886,
3.9861

 36.7621, 35.1022,
50.4075

 40.2373, 36.6964,
59.4860

 43.9994, 38.4175,
69.5242

 48.0552, 40.2686,
80.5489

Harmonies

Analogous

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



25.4370, 28.0215, 11.5013



21.5134, 28.0215, 14.4000



19.1727, 28.0215, 21.8085

Triad

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



21.5134, 28.0215, 14.4000



23.3907, 28.0215, 60.9505



36.5282, 28.0215, 27.1617

Complementary

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



21.5134, 28.0215, 14.4000



17.9732, 14.2733, 32.3812

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.



35.8154, 28.0215, 41.2654



21.5134, 28.0215, 14.4000



27.8671, 28.0215, 63.6293

Square

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



21.5134, 28.0215, 14.4000



20.1652, 28.0215, 49.0835



32.5078, 28.0215, 55.5963



34.3555, 28.0215, 17.3366

Rectangle

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



21.5134, 28.0215, 14.4000



18.6495, 28.0215, 29.5353



32.5078, 28.0215, 55.5963



36.6223, 28.0215, 31.5073

Sweetspot

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



21.5141, 28.0227, 14.4006



49.9344, 55.9840, 49.9135



22.3422, 21.8097, 13.1577



11.1821, 12.6158, 11.0176



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.5141, 28.0227, 14.4006



36.3916, 49.6292, 20.9598



17.9018, 26.1605, 14.2316



6.4023, 7.0649, 6.6321



11.7886, 20.0531, 3.2493



0.2180, 0.3213, 0.0505

Inverse Universe

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



17.9732, 14.2733, 32.3812



29.0756, 21.2269, 58.1010



22.9874, 16.8582, 32.6158



6.1733, 6.1752, 7.7955



7.4539, 3.2937, 25.1506



0.1534, 0.0709, 0.3780

Previews

White Background



This preview shows how the XYZ color 21.5134, 28.0215, 14.4000 looks on a white 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

Black Background



This preview shows how the XYZ color 21.5134, 28.0215, 14.4000 looks on a black 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

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

XYZ 21.5134, 28.0215, 14.4000

Background



This preview shows how black text looks on a background with the XYZ color 21.5134, 28.0215, 14.4000.



This preview shows how white text looks on a background with the XYZ color 21.5134, 28.0215,

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

21.5134, 28.0215, 14.4000

Protanopia

25.6393, 27.8192, 13.2508

Deuteranopia

28.4334, 27.9057, 14.9541



Tritanopia

25.9662, 27.9319, 36.3706

Trichromacy



Original Color

21.5134, 28.0215, 14.4000

Protanomaly

23.8947, 27.8304, 13.5636

Deuteranomaly

25.3652, 27.6428, 14.8252

Tritanomaly

23.9526, 27.8053, 26.6588

Monochromacy



Original Color

21.5134, 28.0215, 14.4000

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.7894, 25.9309, 21.8932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5134, 28.0215, 14.4000 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(122, 154, 92)` looks like.

```
.text, #text, p{  
    color:rgb(122, 154, 92)  
}
```

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(122, 154, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 154, 92) }
```

Border

The CSS property to change the border of an element to XYZ 21.5134, 28.0215, 14.4000 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(122, 154, 92) }
```


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

```
.border{ border-color:rgb(122, 154, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 154, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 154, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 154, 92);  
box-shadow:4px 4px 4px 4px rgb(122, 154,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5134, 28.0215, 14.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 154, 92) }
```

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

```
.background{ background-color: rgb(122,  
154, 92) }
```

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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