

Converting Colors

XYZ(31.9869, 21.4852, 5.3669)

Have a look what the booklet for
XYZ(31.9869, 21.4852, 5.3669)
contains.

| | |
|--|----|
| XYZ(31.9869, 21.4852, 5.3669) | 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(31.9869, 21.4852,
5.3669)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D75731 |
| RGB | 215, 87, 49 |
| RGB Percent | 84%, 34%, 19% |
| CMY | 0.1569, 0.6588, 0.8078 |
| CMYK | 0.00, 0.60, 0.77, 0.16 |
| HSL | 14°, 67%, 52% |
| HSV | 14°, 77%, 84% |
| XYZ | 31.9869, 21.4852, 5.3669 |
| YIQ | 120.9400, 88.4860, 15.3180 |

Conversions

Conversions Part 2

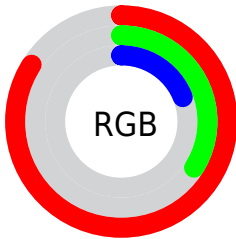
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 215, 98, 49 |
| Decimal | 14112561 |
| CIE _{Lab} | 53.48, 48.32, 46.46 |
| CIE _{LCh} | 53, 67.030, 43.873 |
| Yxy | 21.4852, 0.5436, 0.3652 |
| Android (android.graphics.Color) | 4292302641 (0xFFD75731) |
| YUV | 120.9400, -35.4664, 82.4906 |
| Hunter-Lab | 46.3521, 42.0639, 25.5816 |

Details

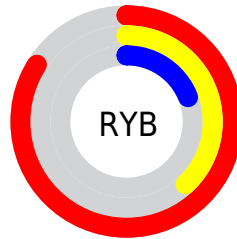
The XYZ color **31.9869, 21.4852, 5.3669** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **29.2530, 37.0007, 69.8896**, and the grayscale version is **18.2464, 19.1966, 20.9051**.

A 20% lighter version of the original color is **52.9695, 41.1916, 16.7142**, and **13.6269, 7.7523, 0.7781** is the 20% darker color. If you saturate the color by 10%, you get **30.4450, 18.9628, 3.1232**, and if you desaturate by 10%, it is **34.0542, 24.7129, 8.8529**.

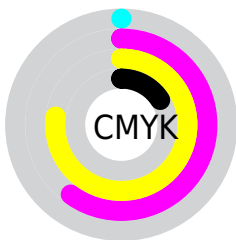
Distribution



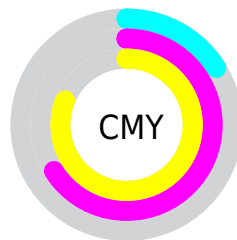
- Red (84%)
- Green (34%)
- Blue (19%)



- Red (84%)
- Yellow (38%)
- Blue (19%)



- Cyan (0%)
- Magenta (60%)
- Yellow (77%)
- Black (16%)





- Cyan (16%)
- Magenta (66%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9869, 21.4852, 5.3669 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 31.9869, 21.4852, 5.3669 by changing the saturation by 10% instead.

 31.9869, 21.4852,
5.3669

 31.9869, 21.4852,
5.3669


302.8059,
259.8459, 162.3847


 21.5070, 13.4791,
2.4016


 62.1559, 45.8937,
17.0564


 13.6097, 7.7593,
0.7873


 82.5757, 63.0648,
26.6176

 7.9296, 3.9413,
0.0000


 107.0395, 84.0598,
39.2146

 4.1013, 1.6408,
0.0000

 135.9126,
109.2630, 55.2659

 1.7596, 0.3849,
0.0000

 169.5605,
139.0589, 75.1900

 0.4932, 0.0000,
0.0000

 208.3484,

 0.0000, 0.0000,

173.8317, 99.4055

0.0000

252.6418,
213.9659, 128.3309

■ 31.9869, 21.4852,
5.3669

■ 31.9869, 21.4852,
5.3669

■ 30.4450, 18.9628,
3.1232

■ 34.0542, 24.7129,
8.8529

■ 29.3694, 17.0848,
1.9221

■ 36.6920, 28.6918,
13.7297

■ 29.1319, 16.6625,
1.6808

■ 39.9418, 33.4680,
20.1259

■ 43.8406, 39.0828,
28.1551

■ 48.4224, 45.5743,
37.9200

■ 53.7186, 52.9784,
49.5146

■ 59.7588, 61.3290,
63.0263

■ 66.5707, 70.6581,
78.5369

■ 74.1807, 80.9964,
96.1234

Harmonies

Analogous

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



36.8361, 21.4852, 15.1842



31.9869, 21.4852, 5.3669



24.4716, 21.4852, 2.3135

Triad

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



31.9869, 21.4852, 5.3669



9.8775, 21.4852, 14.0931



23.8886, 21.4852, 85.9831

Complementary

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



31.9869, 21.4852, 5.3669



29.2530, 37.0007, 69.8896

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.



16.8441, 21.4852, 85.0347



31.9869, 21.4852, 5.3669



9.7917, 21.4852, 34.1302

Square

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



31.9869, 21.4852, 5.3669



12.3153, 21.4852, 4.9680



12.0452, 21.4852, 62.5324



31.4754, 21.4852, 64.6593

Rectangle

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



31.9869, 21.4852, 5.3669



19.5087, 21.4852, 2.0159



12.0452, 21.4852, 62.5324



21.3614, 21.4852, 88.5226

Sweetspot

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



31.9874, 21.4864, 5.3673



74.2356, 71.2453, 62.2728



37.2625, 19.8997, 44.5425



15.3048, 14.4290, 12.0579



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



31.9874, 21.4864, 5.3673



43.6749, 25.9570, 3.2741



42.5750, 42.6617, 8.8965



12.6517, 12.8775, 12.9795



17.4913, 10.0999, 1.0276



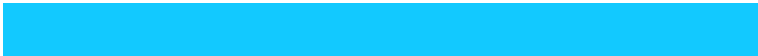
1.1187, 0.7367, 0.0832

Inverse Universe

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



29.2530, 37.0007, 69.8896



39.1140, 48.9819, 102.0007



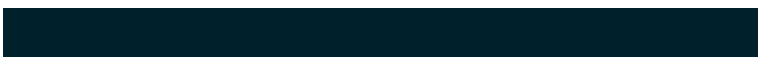
17.7183, 13.9312, 66.0447



12.5399, 13.6032, 15.9023



15.5514, 19.3646, 41.3713



0.9982, 1.2884, 2.5154

Previews

White Background



This preview shows how the XYZ color 31.9869, 21.4852, 5.3669 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 31.9869, 21.4852, 5.3669 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 31.9869, 21.4852, 5.3669

Background



This preview shows how black text looks on a background with the XYZ color 31.9869, 21.4852, 5.3669.



This preview shows how white text looks on a background with the XYZ color 31.9869, 21.4852,

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

31.9869, 21.4852, 5.3669

Protanopia

19.7168, 21.5260, 7.5306

Deuteranopia

22.0405, 21.6493, 5.0246



Tritanopia

33.4700, 21.6428, 11.6459

Trichromacy



Original Color

31.9869, 21.4852, 5.3669

Protanomaly

23.0058, 20.5407, 6.6231

Deuteranomaly

24.9607, 20.9355, 5.0109

Tritanomaly

32.7253, 21.4340, 8.8909

Monochromacy



Original Color

31.9869, 21.4852, 5.3669

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

21.0518, 18.7321, 13.3326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9869, 21.4852, 5.3669 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(215, 87, 49)` looks like.

```
.text, #text, p{  
    color:rgb(215, 87, 49)  
}
```

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(215, 87, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 87, 49) }
```

Border

The CSS property to change the border of an element to XYZ 31.9869, 21.4852, 5.3669 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(215, 87, 49) }
```


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

```
.border{ border-color:rgb(215, 87, 49) }
```

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

Here you see how a box with a 4 pixel rgb(215, 87, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 87, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 87, 49);  
box-shadow:4px 4px 4px 4px rgb(215, 87,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9869, 21.4852, 5.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 87, 49) }
```

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

```
.background{ background-color: rgb(215, 87,  
49) }
```

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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