

Converting Colors

XYZ(21.0115, 16.4761, 8.4150)

Have a look what the booklet for
XYZ(21.0115, 16.4761, 8.4150)
contains.

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Color

**XYZ(21.0533, 16.5252,
8.3834)**

Conversions

Conversions Part 1

Format	Color
Hex	A75D49
RGB	167, 93, 73
RGB Percent	65%, 36%, 29%
CMY	0.3451, 0.6353, 0.7137
CMYK	0.00, 0.44, 0.56, 0.35
HSL	13°, 39%, 47%
HSV	13°, 56%, 65%
XYZ	21.0533, 16.5252, 8.3834
YIQ	112.8460, 50.5240, 9.4680

Conversions

Conversions Part 2

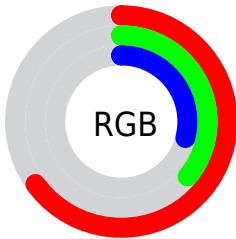
Format	Color
RYB	167, 98, 73
Decimal	10968393
CIELab	47.66, 28.15, 24.67
CIELCh	48, 37.426, 41.231
Yxy	16.5252, 0.4581, 0.3595
Android (android.graphics.Color)	4289158473 (0xFFA75D49)
YUV	112.8460, -19.6441, 47.4931
Hunter-Lab	40.6512, 21.3057, 16.2286

Details

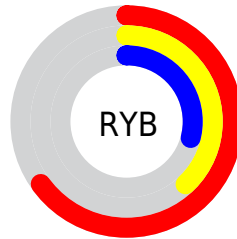
The XYZ color **21.0533, 16.5252, 8.3834** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **20.1559, 25.0727, 40.3363**, and the grayscale version is **15.6967, 16.5141, 17.9839**.

A 20% lighter version of the original color is **44.5374, 37.3592, 23.2760**, and **7.7157, 5.3450, 1.7874** is the 20% darker color. If you saturate the color by 10%, you get **19.5158, 14.2206, 5.4964**, and if you desaturate by 10%, it is **22.9387, 19.2878, 12.1202**.

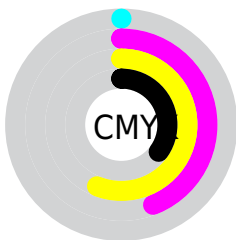
Distribution



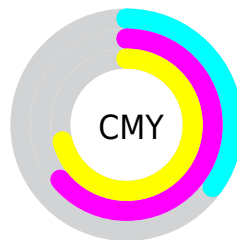
- Red (65%)
- Green (36%)
- Blue (29%)



- Red (65%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (56%)
- Black (35%)



- Cyan (35%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0533, 16.5252, 8.3834 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 21.0533, 16.5252, 8.3834 by changing the saturation by 10% instead.

■ 21.0533, 16.5252,
8.3834

■ 21.0533, 16.5252,
8.3834

250.2880,
232.4212, 188.7545

■ 13.2757, 9.8966,
4.2500

■ 44.6668, 37.5076,
23.2652

■ 7.6969, 5.3304,
1.7635

■ 61.2334, 52.6302,
34.8506

■ 3.9518, 2.4424,
0.4037

■ 81.4604, 71.3528,
49.7571

■ 1.6749, 0.8476,
0.0000

■ 105.7130, 94.0599,
68.4032

■ 0.4405, 0.0000,
0.0000

■ 134.3568,
121.1359, 91.2074

■ 0.0000, 0.0000,
0.0000

167.7569,

152.9652, 118.5884

206.2789,
189.9322, 150.9645

■ 21.0533, 16.5252,
8.3834

■ 21.0533, 16.5252,
8.3834

■ 19.5158, 14.2206,
5.4964

■ 22.9387, 19.2878,
12.1202

■ 18.3027, 12.3462,
3.3905

■ 25.1909, 22.5289,
16.7661

■ 17.3890, 10.8751,
1.9880

■ 27.8292, 26.2710,
22.3761

■ 16.7433, 9.7751,
1.1824

■ 30.8709, 30.5343,
29.0007

■ 16.5533, 9.4495,
0.9515

■ 34.3322, 35.3380,
36.6868

■ 38.2285, 40.7002,
45.4782

■ 42.5744, 46.6382,
55.4166

■ 47.3838, 53.1684,
66.5411

■ 52.6699, 60.3068,
78.8893

Harmonies

Analogous

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



22.8921, 16.5252, 14.6409



21.0533, 16.5252, 8.3834



17.8669, 16.5252, 5.5862

Triad

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



21.0533, 16.5252, 8.3834



10.3733, 16.5252, 12.6965



16.9921, 16.5252, 42.7605

Complementary

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



21.0533, 16.5252, 8.3834



20.1559, 25.0727, 40.3363

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.



13.7281, 16.5252, 41.6547



21.0533, 16.5252, 8.3834



10.2083, 16.5252, 21.8216

Square

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



21.0533, 16.5252, 8.3834



11.8399, 16.5252, 7.3964



11.3518, 16.5252, 33.0565



20.3352, 16.5252, 35.6905

Rectangle

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



21.0533, 16.5252, 8.3834



15.5691, 16.5252, 5.1511



11.3518, 16.5252, 33.0565



15.8452, 16.5252, 43.3836

Sweetspot

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



21.0537, 16.5261, 8.3837



54.6979, 53.8619, 50.6415



23.6801, 15.1251, 29.7714



11.9976, 11.7140, 10.8005



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



21.0537, 16.5261, 8.3837



34.2535, 24.4018, 8.5937



26.3426, 27.1039, 10.1467



7.6557, 7.7915, 7.8897



12.6971, 7.2915, 0.7382



0.3438, 0.2472, 0.0296

Inverse Universe

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



20.1559, 25.0727, 40.3363



32.4012, 41.1340, 71.7072



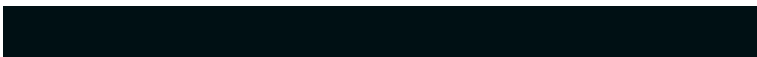
14.3959, 13.5529, 38.4163



7.6100, 8.2570, 9.6110



11.6319, 14.7241, 30.2045



0.3160, 0.4243, 0.7459

Previews

White Background



This preview shows how the XYZ color 21.0533, 16.5252, 8.3834 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 21.0533, 16.5252, 8.3834 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 21.0533, 16.5252, 8.3834

Background



This preview shows how black text looks on a background with the XYZ color 21.0533, 16.5252, 8.3834.



This preview shows how white text looks on a background with the XYZ color 21.0533, 16.5252,

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

21.0533, 16.5252, 8.3834

Protanopia

15.4164, 16.5419, 10.1650

Deuteranopia

16.7846, 16.4857, 8.0918



Tritanopia

22.1297, 16.5919, 13.1025

Trichromacy



Original Color

21.0533, 16.5252, 8.3834

Protanomaly

17.0104, 16.2614, 9.4499

Deuteranomaly

18.2003, 16.4513, 8.1774

Tritanomaly

21.6510, 16.5116, 11.2784

Monochromacy



Original Color

21.0533, 16.5252, 8.3834

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.0315, 16.1765, 13.7800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0533, 16.5252, 8.3834 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(167, 93, 73)` looks like.

```
.text, #text, p{  
    color:rgb(167, 93, 73)  
}
```

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(167, 93, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 93, 73) }
```

Border

The CSS property to change the border of an element to XYZ 21.0533, 16.5252, 8.3834 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(167, 93, 73) }
```


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

```
.border{ border-color:rgb(167, 93, 73) }
```

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

Here you see how a box with a 4 pixel rgb(167, 93, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 93, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 93, 73);  
box-shadow:4px 4px 4px 4px rgb(167, 93,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0533, 16.5252, 8.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 93, 73) }
```

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

```
.background{ background-color: rgb(167, 93,  
73) }
```

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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