

Converting Colors

XYZ(45.3394, 41.0855, 31.1415)

Have a look what the booklet for
XYZ(45.3394, 41.0855, 31.1415)
contains.

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Color

**XYZ(45.3050, 41.1963,
31.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	D79F8E
RGB	215, 159, 142
RGB Percent	84%, 62%, 56%
CMY	0.1569, 0.3764, 0.4431
CMYK	0.00, 0.26, 0.34, 0.16
HSL	14°, 48%, 70%
HSV	14°, 34%, 84%
XYZ	45.3050, 41.1963, 31.1550
YIQ	173.8060, 38.8330, 6.5850

Conversions

Conversions Part 2

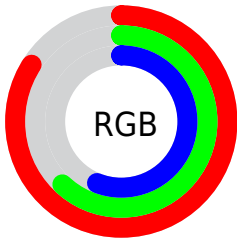
Format	Color
R _Y B	215, 164, 142
Decimal	14131086
CIE Lab	70.31, 18.54, 17.02
CIE LCh	70, 25.168, 42.566
Yxy	41.1963, 0.3851, 0.3501
Android (android.graphics.Color)	4292321166 (0xFFD79F8E)
YUV	173.8060, -15.6804, 36.1271
Hunter-Lab	64.1843, 13.6730, 16.1497

Details

The XYZ color **45.3050, 41.1963, 31.1550** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.6146, 51.0437, 71.8440**, and the grayscale version is **40.1974, 42.2908, 46.0547**.

A 20% lighter version of the original color is **75.2504, 73.3387, 62.4142**, and **21.4875, 18.6590, 12.5942** is the 20% darker color. If you saturate the color by 10%, you get **41.1947, 35.3145, 22.5744**, and if you desaturate by 10%, it is **50.1073, 47.9633, 41.5032**.

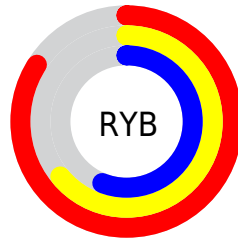
Distribution



Red (84%)

Green (62%)

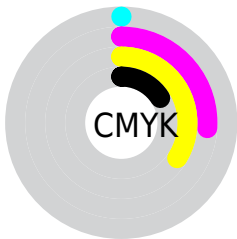
Blue (56%)



Red (84%)

Yellow (64%)

Blue (56%)

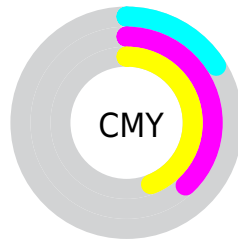


Cyan (0%)

Magenta (26%)

Yellow (34%)

Black (16%)



Cyan (16%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3050, 41.1963, 31.1550 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 45.3050, 41.1963, 31.1550 by changing the saturation by 10% instead.


 45.3050, 41.1963,
31.1550

 45.3050, 41.1963,
31.1550


358.7704,
351.1404, 321.6251

 31.9000, 28.4725,
20.4575


 82.4122, 76.9818,
62.5665

 21.4403, 18.6821,
12.5406


 106.8451,
100.8123, 84.1174

 13.5605, 11.4408,
6.9860


 135.6846,
129.1138, 110.1233

 7.8953, 6.3642,
3.3750

169.2963,
162.2707, 141.0026

 4.0793, 3.0678,
1.2892

208.0453,
200.6674, 177.1739

 1.7471, 1.1672,
0.0529

252.2971,

 0.4855, 0.0347,

244.6883, 219.0557

0.0000

302.4170,
294.7179, 267.0666

0.0000, 0.0000,
0.0000

45.3050, 41.1963,
31.1550

45.3050, 41.1963,
31.1550

41.1947, 35.3145,
22.5744

50.1073, 47.9633,
41.5032

37.7402, 30.2752,
15.6592

55.6288, 55.6445,
53.7082

34.9071, 26.0407,
10.3008

61.8994, 64.2745,
67.8561

32.6559, 22.5680,
6.3764

68.9461, 73.8845,
84.0271

30.9427, 19.8099,
3.7444

76.7948, 84.5042,
102.2965

■ 29.7158, 17.7135,
2.2337

■ 81.8345, 93.1871,
108.2815

■ 29.1685, 16.7353,
1.6929

Harmonies

Analogous

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



47.4356, 41.1963, 40.0843



45.3050, 41.1963, 31.1550



41.5853, 41.1963, 26.4577

Triad

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



45.3050, 41.1963, 31.1550



32.0530, 41.1963, 38.3768



40.9103, 41.1963, 70.9379

Complementary

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



45.3050, 41.1963, 31.1550



43.6146, 51.0437, 71.8440

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.



36.8229, 41.1963, 70.2609



45.3050, 41.1963, 31.1550



31.9004, 41.1963, 49.9916

Square

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



45.3050, 41.1963, 31.1550



34.0227, 41.1963, 30.0952



33.5899, 41.1963, 62.0789



44.7810, 41.1963, 63.7920

Rectangle

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



45.3050, 41.1963, 31.1550



38.8012, 41.1963, 25.7450



33.5899, 41.1963, 62.0789



39.5127, 41.1963, 71.6492

Sweetspot

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



45.3061, 41.1983, 31.1558



85.2872, 86.6140, 86.7183



48.0278, 37.9256, 58.9339



17.9810, 18.1612, 17.9455



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.



45.3061, 41.1983, 31.1558



62.0731, 54.0600, 36.2075



52.2695, 55.1251, 33.4770



12.6557, 12.8856, 12.9808



17.5139, 10.1450, 1.0351



1.1206, 0.7404, 0.0838

Inverse Universe

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



43.6146, 51.0437, 71.8440



59.1878, 70.7010, 105.1349



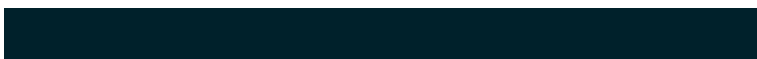
36.4625, 36.7396, 69.4599



12.5356, 13.5946, 15.9008



15.4598, 19.1814, 41.3407



0.9934, 1.2788, 2.5138

Previews

White Background



This preview shows how the XYZ color 45.3050, 41.1963, 31.1550 looks on a white background.

Color Contrast Check

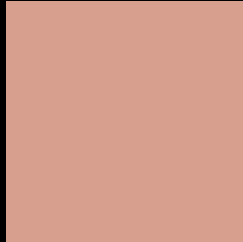
Large Text (above 18pt) WCAG AA × Fail

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 45.3050, 41.1963, 31.1550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

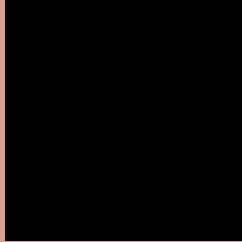
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3050, 41.1963, 31.1550

Background



This preview shows how black text looks on a background with the XYZ color 45.3050, 41.1963, 31.1550.



This preview shows how white text looks on a background with the XYZ color 45.3050, 41.1963,

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

45.3050, 41.1963, 31.1550

Protanopia

39.1539, 41.4669, 33.9573

Deuteranopia

42.2634, 41.4749, 30.9772



Tritanopia

47.6098, 41.1381, 41.9904

Trichromacy



Original Color

45.3050, 41.1963, 31.1550

Protanomaly

40.9993, 41.0502, 32.9567

Deuteranomaly

43.0817, 41.0966, 30.8611

Tritanomaly

46.6753, 40.9973, 37.8010

Monochromacy



Original Color

45.3050, 41.1963, 31.1550

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.6958, 41.8034, 40.0537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3050, 41.1963, 31.1550 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, 159, 142)` looks like.

```
.text, #text, p{  
    color:rgb(215, 159, 142)  
}
```

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, 159, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 159, 142) }
```

Border

The CSS property to change the border of an element to XYZ 45.3050, 41.1963, 31.1550 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, 159, 142) }
```


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

```
.border{ border-color:rgb(215, 159, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 159, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 159, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 159, 142);  
box-shadow:4px 4px 4px 4px rgb(215, 159,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3050, 41.1963, 31.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 159, 142) }
```

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

```
.background{ background-color: rgb(215,  
159, 142) }
```

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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