

Converting Colors

XYZ(46.2175, 50.6388, 31.0053)

Have a look what the booklet for
XYZ(46.2175, 50.6388, 31.0053)
contains.

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Color

**XYZ(46.2175, 50.6388,
31.0053)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BE89
RGB	198, 190, 137
RGB Percent	78%, 75%, 54%
CMY	0.2235, 0.2549, 0.4627
CMYK	0.00, 0.04, 0.31, 0.22
HSL	52°, 35%, 66%
HSV	52°, 31%, 78%
XYZ	46.2175, 50.6388, 31.0053
YIQ	186.3500, 21.7810, -14.7870

Conversions

Conversions Part 2

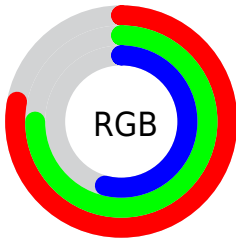
Format	Color
R_{YB}	146, 198, 137
Decimal	13024905
CIE _{Lab}	76.46, -5.35, 27.83
CIE _{LCh}	76, 28.344, 100.884
Yxy	50.6388, 0.3615, 0.3960
Android (android.graphics.Color)	4291214985 (0xFFC6BE89)
YUV	186.3500, -24.3295, 10.2171
Hunter-Lab	71.1609, -8.5997, 23.9796

Details

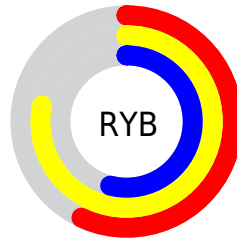
The XYZ color **46.2175, 50.6388, 31.0053** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.6348, 29.6456, 57.5337**, and the grayscale version is **46.9932, 49.4405, 53.8407**.

A 20% lighter version of the original color is **83.5997, 90.9331, 62.4359**, and **21.9937, 24.4191, 12.5710** is the 20% darker color. If you saturate the color by 10%, you get **44.3689, 49.0097, 24.0133**, and if you desaturate by 10%, it is **48.3394, 52.3968, 39.3755**.

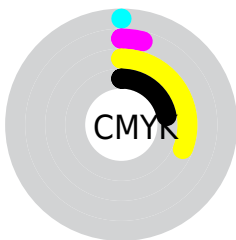
Distribution



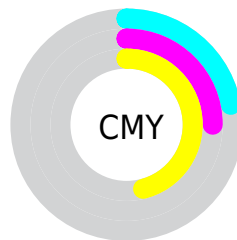
- Red (78%)
- Green (75%)
- Blue (54%)



- Red (57%)
- Yellow (78%)
- Blue (54%)



- Cyan (0%)
- Magenta (4%)
- Yellow (31%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2175, 50.6388, 31.0053 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 46.2175, 50.6388, 31.0053 by changing the saturation by 10% instead.

■ 46.2175, 50.6388,
31.0053

■ 46.2175, 50.6388,
31.0053

362.3837,
389.1588, 320.9147

■ 32.6228, 35.9212,
20.3444

■ 83.7703, 91.1206,
62.3281

■ 21.9955, 24.3734,
12.4591

■ 108.4591,
117.6537, 83.8270

■ 13.9702, 15.6108,
6.9308

■ 137.5767,
148.8940, 109.7758

■ 8.1815, 9.2492,
3.3411

171.4884,
185.2261, 140.5928

■ 4.2641, 4.9041,
1.2713

210.5596,
227.0341, 176.6966

■ 1.8526, 2.1911,
0.0381

255.1557,

■ 0.5491, 0.7151,

274.7027, 218.5059

0.0000

305.6419,
328.6161, 266.4391

■ 0.0000, 0.0000,
0.0000

■ 46.2175, 50.6388,
31.0053

■ 46.2175, 50.6388,
31.0053

■ 44.3689, 49.0097,
24.0133

■ 48.3394, 52.3968,
39.3755

■ 42.7754, 47.4968,
18.3211

■ 50.7438, 54.2821,
49.1903

■ 41.4226, 46.0960,
13.8473


■ 53.4446, 56.3022,
60.5153


■ 40.2929, 44.8003,
10.5003


■ 56.4533, 58.4616,
73.4116

■ 39.3665, 43.6015,
8.1750


■ 59.7808, 60.7649,
87.9364


 38.6196, 42.4902,
6.7469

 63.3082, 63.1646,
103.4630

 38.0504, 41.5292,
6.0105

 63.9364, 64.4212,
103.6725

 64.5751, 65.6984,
103.8853

 65.2241, 66.9965,
104.1017

Harmonies

Analogous

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



51.5725, 50.6388, 31.7556



46.2175, 50.6388, 31.0053



41.7172, 50.6388, 35.7571

Triad

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



46.2175, 50.6388, 31.0053



40.7768, 50.6388, 76.7140



58.5001, 50.6388, 65.3398

Complementary

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



46.2175, 50.6388, 31.0053



30.6348, 29.6456, 57.5337

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.



55.1699, 50.6388, 80.4947



46.2175, 50.6388, 31.0053



44.8455, 50.6388, 87.8550

Square

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



46.2175, 50.6388, 31.0053



38.7342, 50.6388, 60.8790



50.0959, 50.6388, 89.3540



58.9357, 50.6388, 49.7680

Rectangle

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



46.2175, 50.6388, 31.0053



39.7050, 50.6388, 42.0292



50.0959, 50.6388, 89.3540



57.6711, 50.6388, 70.7209

Sweetspot

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



46.2188, 50.6411, 31.0064



90.6205, 96.7048, 90.2709



37.3559, 31.9462, 31.0400



19.2522, 20.5888, 18.7227



0.0000, 0.0000, 0.0000



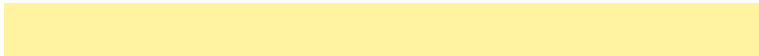
20.3446, 21.4041, 23.3091

Same Dimension

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



46.2188, 50.6411, 31.0064



79.5832, 87.7029, 46.2905



42.5315, 51.3819, 31.3437



11.4008, 12.1707, 11.3110



24.7899, 27.0970, 3.9237



1.2077, 1.3508, 0.1971

Inverse Universe

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



30.6348, 29.6456, 57.5337



47.6242, 44.6542, 100.7168



33.5101, 29.3777, 57.3304



10.1669, 10.5079, 13.4099



6.9042, 3.2023, 34.9986



0.3647, 0.2271, 1.6698

Previews

White Background



This preview shows how the XYZ color 46.2175, 50.6388, 31.0053 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 46.2175, 50.6388, 31.0053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

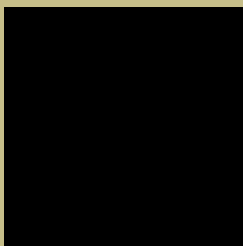
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

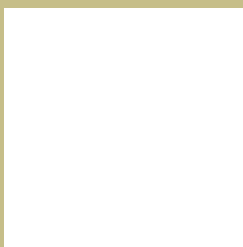
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.2175, 50.6388, 31.0053

Background



This preview shows how black text looks on a background with the XYZ color 46.2175, 50.6388, 31.0053.

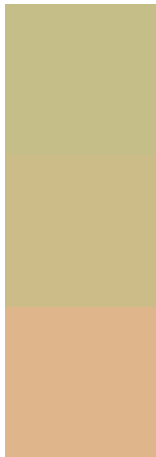


This preview shows how white text looks on a background with the XYZ color 46.2175, 50.6388,

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

46.2175, 50.6388, 31.0053

Protanopia

47.0558, 50.4405, 30.5484

Deuteranopia

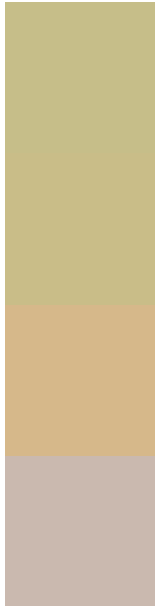
51.6155, 50.5998, 31.4724



Tritanopia

51.9828, 50.4663, 59.8245

Trichromacy



Original Color

46.2175, 50.6388, 31.0053

Protanomaly

46.7289, 50.5903, 30.5946

Deuteranomaly

49.4595, 50.4121, 31.1685

Tritanomaly

49.4439, 50.3496, 47.6699

Monochromacy



Original Color

46.2175, 50.6388, 31.0053

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.0734, 49.3150, 44.1362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2175, 50.6388, 31.0053 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(198, 190, 137)` looks like.

```
.text, #text, p{  
    color:rgb(198, 190, 137)  
}
```

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(198, 190, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 190, 137) }
```

Border

The CSS property to change the border of an element to XYZ 46.2175, 50.6388, 31.0053 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(198, 190, 137) }
```


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

```
.border{ border-color:rgb(198, 190, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 190, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 190, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 190, 137);  
box-shadow:4px 4px 4px 4px rgb(198, 190,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2175, 50.6388, 31.0053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 190, 137) }
```

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

```
.background{ background-color: rgb(198,  
190, 137) }
```

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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