

Converting Colors

XYZ(48.4610, 51.1838, 27.0017)

Have a look what the booklet for
XYZ(48.4610, 51.1838, 27.0017)
contains.

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Color

**XYZ(48.6131, 51.3217,
27.0826)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BC7E
RGB	211, 188, 126
RGB Percent	83%, 74%, 49%
CMY	0.1725, 0.2627, 0.5059
CMYK	0.00, 0.11, 0.40, 0.17
HSL	44°, 49%, 66%
HSV	44°, 40%, 83%
XYZ	48.6131, 51.3217, 27.0826
YIQ	187.8090, 33.6100, -14.4060

Conversions

Conversions Part 2

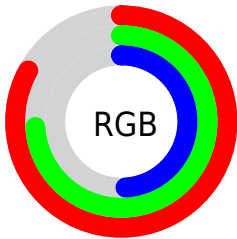
Format	Color
RYB	158, 211, 126
Decimal	13876350
CIELab	76.87, -0.46, 34.35
CIELCh	77, 34.351, 90.761
Yxy	51.3217, 0.3827, 0.4041
Android (android.graphics.Color)	4292066430 (0xFFD3BC7E)
YUV	187.8090, -30.4718, 20.3385
Hunter-Lab	71.6392, -4.2415, 27.7333

Details

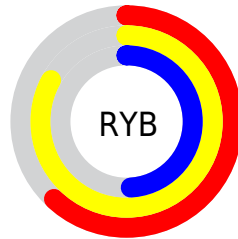
The XYZ color **48.6131, 51.3217, 27.0826** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.1092, 30.6327, 65.9010**, and the grayscale version is **47.8468, 50.3385, 54.8186**.

A 20% lighter version of the original color is **81.7274, 89.2160, 55.5607**, and **23.4860, 24.8183, 10.3900** is the 20% darker color. If you saturate the color by 10%, you get **46.1976, 48.4446, 20.2541**, and if you desaturate by 10%, it is **51.3665, 54.4149, 35.4416**.

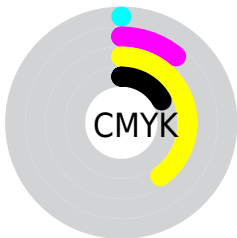
Distribution



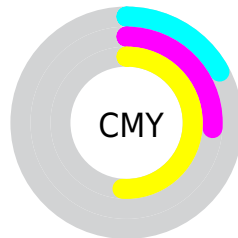
- Red (83%)
- Green (74%)
- Blue (49%)



- Red (62%)
- Yellow (83%)
- Blue (49%)



- Cyan (0%)
- Magenta (11%)
- Yellow (40%)
- Black (17%)



- Cyan (17%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6131, 51.3217, 27.0826 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 48.6131, 51.3217, 27.0826 by changing the saturation by 10% instead.

■ 48.6131, 51.3217,
27.0826

■ 48.6131, 51.3217,
27.0826

371.7595,
391.8124, 301.8296

■ 34.5259, 36.4647,
17.4023

■ 87.3207, 92.1301,
56.0217

■ 23.4627, 24.7933,
10.3567

■ 112.6719,
118.8503, 76.1176

■ 15.0581, 15.9231,
5.5274

■ 142.5085,
150.2937, 100.5225

■ 8.9468, 9.4698,
2.4958

177.1958,
186.8447, 129.6548

■ 4.7633, 5.0488,
0.8379

217.0992,
228.8877, 163.9331

■ 2.1424, 2.2759,
0.0000

262.5840,

■ 0.7121, 0.7609,

276.8070, 203.7760

0.0000

314.0157,
330.9871, 249.6020

■ 0.0000, 0.0000,
0.0000

■ 48.6131, 51.3217,
27.0826

■ 48.6131, 51.3217,
27.0826

■ 46.1976, 48.4446,
20.2541

■ 51.3665, 54.4149,
35.4416

■ 44.0976, 45.7681,
14.8569

■ 54.4713, 57.7248,
45.4156

■ 42.2933, 43.2853,
10.7849

■ 57.9445, 61.2610,
57.0868

■ 40.7611, 40.9859,
7.9161

■ 61.8011, 65.0302,
70.5305

■ 39.4729, 38.8576,
6.1053

■ 66.0549, 69.0390,
85.8180

■ 38.4061, 36.9331,
5.1046

■ 70.7191, 73.2932,
103.0162

■ 72.6471, 76.5351,
105.5516

■ 74.2431, 79.7273,
106.0836

■ 75.8915, 83.0240,
106.6331

Harmonies

Analogous

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



55.1741, 51.3217, 30.0071



48.6131, 51.3217, 27.0826



42.6349, 51.3217, 30.3239

Triad

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



48.6131, 51.3217, 27.0826



38.7652, 51.3217, 76.3664



60.5781, 51.3217, 75.3519

Complementary

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



48.6131, 51.3217, 27.0826



31.1092, 30.6327, 65.9010

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.



55.4883, 51.3217, 92.8310



48.6131, 51.3217, 27.0826



42.8996, 51.3217, 93.5027

Square

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



48.6131, 51.3217, 27.0826



37.2700, 51.3217, 56.3597



48.9468, 51.3217, 100.1059



62.4441, 51.3217, 55.4042

Rectangle

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



48.6131, 51.3217, 27.0826



39.6859, 51.3217, 36.0792



48.9468, 51.3217, 100.1059



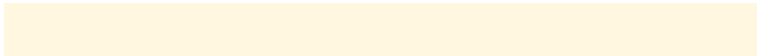
59.1663, 51.3217, 81.8559

Sweetspot

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



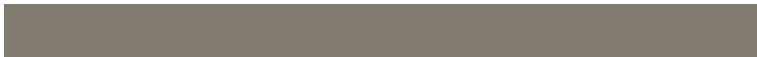
48.6144, 51.3241, 27.0837



87.9246, 93.0151, 84.1253



39.8369, 30.9759, 32.7693



18.6647, 19.7531, 17.4811



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.



48.6144, 51.3241, 27.0837



71.5374, 75.1251, 32.7759



48.9466, 59.3777, 28.6207



12.5217, 13.2341, 12.5065



23.2668, 22.4667, 3.1102



1.3648, 1.3839, 0.1952

Inverse Universe

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



31.1092, 30.6327, 65.9010



41.2439, 39.3422, 100.0278



30.7938, 25.5924, 64.9448



11.4202, 11.9306, 14.9446



8.0546, 4.7558, 37.6859



0.5169, 0.3989, 2.1293

Previews

White Background



This preview shows how the XYZ color 48.6131, 51.3217, 27.0826 looks on a white background.

Color Contrast Check

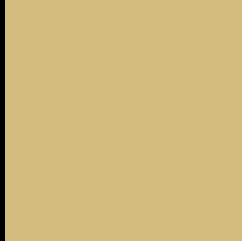
Large Text (above 18pt) WCAG AA × Fail

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 48.6131, 51.3217, 27.0826 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 48.6131, 51.3217, 27.0826

Background



This preview shows how black text looks on a background with the XYZ color 48.6131, 51.3217, 27.0826.

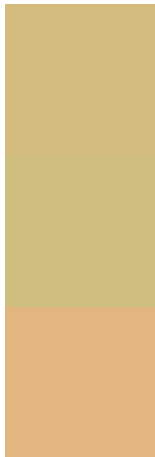


This preview shows how white text looks on a background with the XYZ color 48.6131, 51.3217,

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

48.6131, 51.3217, 27.0826

Protanopia

47.6978, 51.4810, 27.5016

Deuteranopia

52.2373, 51.3191, 27.2310



Tritanopia

54.9723, 51.4430, 58.0711

Trichromacy



Original Color

48.6131, 51.3217, 27.0826

Protanomaly

48.0408, 51.3374, 27.4558

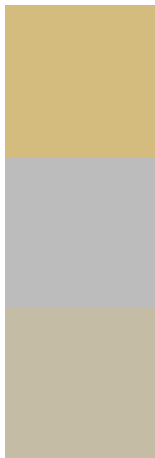
Deuteranomaly

50.7900, 51.1854, 27.2815

Tritanomaly

52.1192, 51.1786, 44.6676

Monochromacy



Original Color

48.6131, 51.3217, 27.0826

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.5397, 50.4188, 42.8235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6131, 51.3217, 27.0826 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(211, 188, 126)` looks like.

```
.text, #text, p{  
    color:rgb(211, 188, 126)  
}
```

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(211, 188, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 188, 126) }
```

Border

The CSS property to change the border of an element to XYZ 48.6131, 51.3217, 27.0826 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(211, 188, 126) }
```


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

```
.border{ border-color:rgb(211, 188, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 188, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 188, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 188, 126);  
box-shadow:4px 4px 4px 4px rgb(211, 188,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6131, 51.3217, 27.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 188, 126) }
```

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

```
.background{ background-color: rgb(211,  
188, 126) }
```

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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