

Converting Colors

XYZ(48.6652, 51.8013, 27.2074)

Have a look what the booklet for
XYZ(48.6652, 51.8013, 27.2074)
contains.

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Color

**XYZ(48.5418, 51.6032,
27.1406)**

Conversions

Conversions Part 1

Format	Color
Hex	D2BD7E
RGB	210, 189, 126
RGB Percent	82%, 74%, 49%
CMY	0.1765, 0.2588, 0.5059
CMYK	0.00, 0.10, 0.40, 0.18
HSL	45°, 48%, 66%
HSV	45°, 40%, 82%
XYZ	48.5418, 51.6032, 27.1406
YIQ	188.0970, 32.7390, -15.1410

Conversions

Conversions Part 2

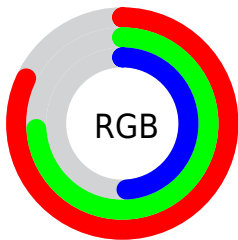
Format	Color
RYB	154, 210, 126
Decimal	13811070
CIELab	77.04, -1.38, 34.55
CIELCh	77, 34.578, 92.291
Yxy	51.6032, 0.3814, 0.4054
Android (android.graphics.Color)	4292001150 (0xFFD2BD7E)
YUV	188.0970, -30.6138, 19.2089
Hunter-Lab	71.8354, -5.0929, 27.8840

Details

The XYZ color **48.5418, 51.6032, 27.1406** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.6704, 29.9551, 65.1380**, and the grayscale version is **48.0117, 50.5120, 55.0076**.

A 20% lighter version of the original color is **82.0291, 89.8195, 55.6613**, and **23.4351, 25.0001, 10.4278** is the 20% darker color. If you saturate the color by 10%, you get **46.2182, 48.9016, 20.3681**, and if you desaturate by 10%, it is **51.1933, 54.5051, 35.4269**.

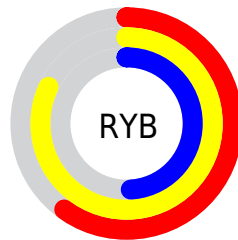
Distribution



Red (82%)

Green (74%)

Blue (49%)



Red (60%)

Yellow (82%)

Blue (49%)

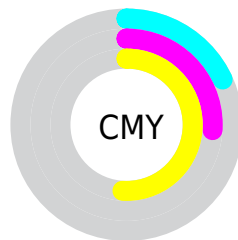


Cyan (0%)

Magenta (10%)

Yellow (40%)

Black (18%)



Cyan (18%)

Magenta (26%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5418, 51.6032, 27.1406 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 48.5418, 51.6032, 27.1406 by changing the saturation by 10% instead.

■ 48.5418, 51.6032,
27.1406

■ 48.5418, 51.6032,
27.1406

371.4826,
392.9028, 302.1189

■ 34.4692, 36.6889,
17.4455

■ 87.2154, 92.5458,
56.1159

■ 23.4189, 24.9667,
10.3873

■ 112.5470,
119.3428, 76.2331

■ 15.0255, 16.0522,
5.5476

■ 142.3624,
150.8696, 100.6615

■ 8.9237, 9.5611,
2.5077

177.0269,
187.5105, 129.8195

■ 4.7482, 5.1090,
0.8442

216.9058,
229.6498, 164.1257

■ 2.1335, 2.3113,
0.0000

262.3645,

■ 0.7073, 0.7797,

277.6721, 203.9986

0.0000

313.7683,
331.9616, 249.8569

■ 0.0000, 0.0000,
0.0000

■ 48.5418, 51.6032,
27.1406

■ 48.5418, 51.6032,
27.1406

■ 46.2182, 48.9016,
20.3681

■ 51.1933, 54.5051,
35.4269

■ 44.2003, 46.3851,
15.0115

■ 54.1857, 57.6075,
45.3101

■ 42.4689, 44.0473,
10.9665


■ 57.5357, 60.9197,
56.8713


■ 41.0009, 41.8780,
8.1130


■ 61.2580, 64.4482,
70.1850


■ 39.7687, 39.8658,
6.3084


■ 65.3662, 68.1990,
85.3211


 38.7223, 37.9897,
5.2919

 69.8732, 72.1780,
102.3459

 38.7222, 37.9895,
5.2918

 71.7557, 75.1764,
105.3363

 73.2028, 78.0706,
105.8187

 74.6939, 81.0529,
106.3157

Harmonies

Analogous

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



55.1859, 51.6032, 29.7683



48.5418, 51.6032, 27.1406



42.5772, 51.6032, 30.7296

Triad

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



48.5418, 51.6032, 27.1406



39.0855, 51.6032, 77.9182



61.1582, 51.6032, 74.8310

Complementary

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



48.5418, 51.6032, 27.1406



30.6704, 29.9551, 65.1380

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.



56.1417, 51.6032, 92.8376



48.5418, 51.6032, 27.1406



43.3817, 51.6032, 94.8828

Square

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



48.5418, 51.6032, 27.1406



37.4316, 51.6032, 57.6524



49.5563, 51.6032, 100.8719



62.8471, 51.6032, 54.7469

Rectangle

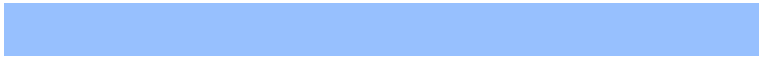
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.5418, 51.6032, 27.1406



39.6796, 51.6032, 36.7651



49.5563, 51.6032, 100.8719



59.7842, 51.6032, 81.4689

Sweetspot

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



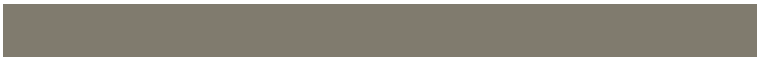
48.5431, 51.6056, 27.1417



88.1174, 93.4005, 84.1896



39.3059, 30.7304, 31.4642



18.7103, 19.8442, 17.4963



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.



48.5431, 51.6056, 27.1417



72.2114, 76.4731, 33.0005



47.7989, 58.4183, 28.4959



12.5428, 13.2763, 12.5135



23.7034, 23.3398, 3.2557



1.3862, 1.4267, 0.2023

Inverse Universe

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



30.6704, 29.9551, 65.1380



40.7912, 38.4368, 99.8769



31.1268, 25.7785, 64.3078



11.4003, 11.8909, 14.9380



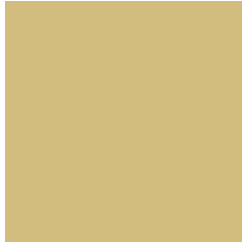
7.9261, 4.4989, 37.6431



0.5074, 0.3801, 2.1262

Previews

White Background



This preview shows how the XYZ color 48.5418, 51.6032, 27.1406 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 48.5418, 51.6032, 27.1406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

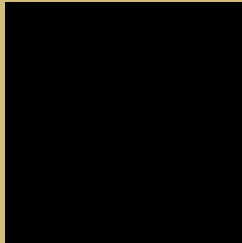
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5418, 51.6032, 27.1406

Background



This preview shows how black text looks on a background with the XYZ color 48.5418, 51.6032, 27.1406.



This preview shows how white text looks on a background with the XYZ color 48.5418, 51.6032,

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

48.5418, 51.6032, 27.1406

Protanopia

47.6329, 51.4551, 27.1600

Deuteranopia

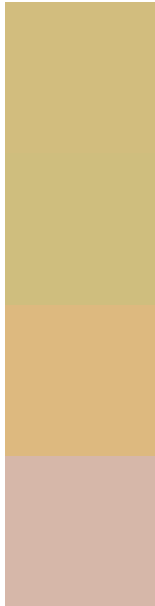
52.5536, 51.4822, 27.2459



Tritanopia

54.6741, 51.2893, 58.0571

Trichromacy



Original Color

48.5418, 51.6032, 27.1406

Protanomaly

47.9115, 51.5987, 27.1730

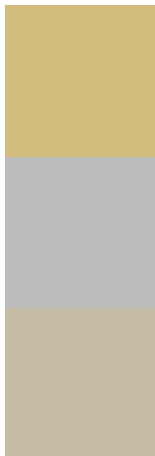
Deuteranomaly

50.9985, 51.6024, 27.3510

Tritanomaly

51.8265, 51.0277, 44.6539

Monochromacy



Original Color

48.5418, 51.6032, 27.1406

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 48.5418, 51.6032, 27.1406 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(210, 189, 126)` looks like.

```
.text, #text, p{  
    color:rgb(210, 189, 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(210, 189, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 189, 126) }
```

Border

The CSS property to change the border of an element to XYZ 48.5418, 51.6032, 27.1406 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(210, 189, 126) }
```


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

```
.border{ border-color:rgb(210, 189, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 189, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 189, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 189, 126);  
box-shadow:4px 4px 4px 4px rgb(210, 189,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5418, 51.6032, 27.1406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 189, 126) }
```

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

```
.background{ background-color: rgb(210,  
189, 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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