

Converting Colors

XYZ(48.8158, 51.2277, 25.6260)

Have a look what the booklet for
XYZ(48.8158, 51.2277, 25.6260)
contains.

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Color

**XYZ(48.7237, 51.0919,
25.7061)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BB7A
RGB	213, 187, 122
RGB Percent	84%, 73%, 48%
CMY	0.1647, 0.2666, 0.5216
CMYK	0.00, 0.12, 0.43, 0.16
HSL	43°, 52%, 66%
HSV	43°, 43%, 84%
XYZ	48.7237, 51.0919, 25.7061
YIQ	187.3640, 36.3610, -14.7030

Conversions

Conversions Part 2

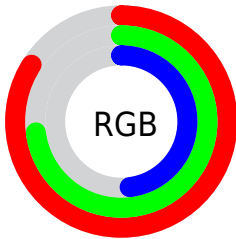
Format	Color
R _{YB}	158, 213, 122
Decimal	14007162
CIE Lab	76.73, 0.45, 36.28
CIE LCh	77, 36.280, 89.297
Yxy	51.0919, 0.3882, 0.4070
Android (android.graphics.Color)	4292197242 (0xFFD5BB7A)
YUV	187.3640, -32.2245, 22.4828
Hunter-Lab	71.4786, -3.4122, 28.7123

Details

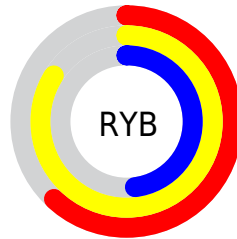
The XYZ color **48.7237, 51.0919, 25.7061** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.6258, 30.1204, 67.1502**, and the grayscale version is **47.6028, 50.0818, 54.5391**.

A 20% lighter version of the original color is **81.0285, 88.4563, 53.3606**, and **23.5994, 24.6862, 9.6520** is the 20% darker color. If you saturate the color by 10%, you get **46.2827, 48.0955, 19.0795**, and if you desaturate by 10%, it is **51.5112, 54.3182, 33.8763**.

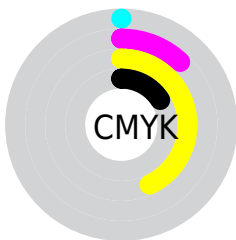
Distribution



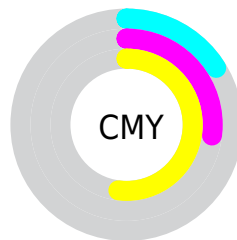
- Red (84%)
- Green (73%)
- Blue (48%)



- Red (62%)
- Yellow (84%)
- Blue (48%)



- Cyan (0%)
- Magenta (12%)
- Yellow (43%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7237, 51.0919, 25.7061 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 48.7237, 51.0919, 25.7061 by changing the saturation by 10% instead.

■ 48.7237, 51.0919,
25.7061

■ 48.7237, 51.0919,
25.7061

372.1886,
390.9207, 294.8958

■ 34.6140, 36.2818,
16.3801

■ 87.4841, 91.7906,
53.7787

■ 23.5308, 24.6519,
9.6363

■ 112.8656,
118.4479, 73.3624

■ 15.1088, 15.8179,
5.0560

■ 142.7350,
149.8231, 97.2023

■ 8.9826, 9.3954,
2.2209

177.4577,
186.3006, 125.7172

■ 4.7868, 5.0000,
0.6864

217.3990,
228.2647, 159.3254

■ 2.1562, 2.2472,
0.0000

262.9244,

■ 0.7195, 0.7456,

276.0998, 198.4455

0.0000

314.3991,
330.1904, 243.4962

■ 0.0000, 0.0000,
0.0000

■ 48.7237, 51.0919,
25.7061

■ 48.7237, 51.0919,
25.7061

■ 46.2827, 48.0955,
19.0795

■ 51.5112, 54.3182,
33.8763

■ 44.1646, 45.3128,
13.8926

■ 54.6594, 57.7754,
43.6786

■ 42.3487, 42.7364,
10.0336

■ 58.1863, 61.4738,
55.1987

■ 40.8096, 40.3549,
7.3724

■ 62.1074, 65.4204,
68.5150

■ 39.5169, 38.1551,
5.7528

■ 66.4372, 69.6221,
83.7015

■ 38.6938, 36.6528,
5.0353

■ 71.1896, 74.0854,
100.8275

■ 73.6753, 77.7356,
105.7291

■ 75.3943, 81.1737,
106.3021

■ 77.1730, 84.7311,
106.8950

Harmonies

Analogous

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



55.6303, 51.0919, 29.0093



48.7237, 51.0919, 25.7061



42.3741, 51.0919, 28.7094

Triad

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



48.7237, 51.0919, 25.7061



37.9186, 51.0919, 76.2948



60.8409, 51.0919, 77.2923

Complementary

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



48.7237, 51.0919, 25.7061



30.6258, 30.1204, 67.1502

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.



55.3233, 51.0919, 95.6217



48.7237, 51.0919, 25.7061



42.1180, 51.0919, 94.9567

Square

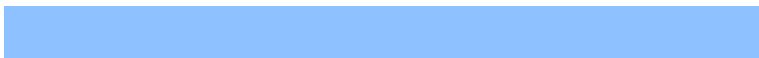
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.7237, 51.0919, 25.7061



36.5033, 51.0919, 55.1672



48.3993, 51.0919, 102.7375



63.0193, 51.0919, 56.0962

Rectangle

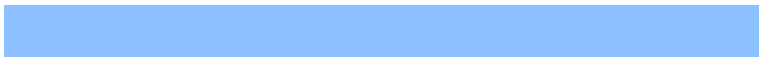
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.7237, 51.0919, 25.7061



39.2111, 51.0919, 34.4089



48.3993, 51.0919, 102.7375



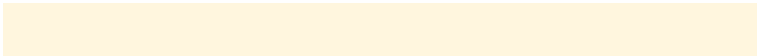
59.2910, 51.0919, 84.1606

Sweetspot

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



48.7250, 51.0943, 25.7071



87.2178, 92.1521, 82.1921



39.8492, 30.2452, 32.2977



18.4056, 19.4530, 16.7222



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.



48.7250, 51.0943, 25.7071



69.9711, 72.8046, 29.7501



49.7612, 60.5690, 27.4813



13.1592, 13.8925, 13.1487



23.7270, 22.5713, 3.1062



1.5001, 1.4994, 0.2104

Inverse Universe

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



30.6258, 30.1204, 67.1502



39.4381, 37.4520, 99.7581



29.8192, 24.3166, 66.0725



12.0287, 12.5807, 15.7319



8.4265, 5.1149, 38.9963



0.5787, 0.4493, 2.3755

Previews

White Background



This preview shows how the XYZ color 48.7237, 51.0919, 25.7061 looks on a white background.

Color Contrast Check

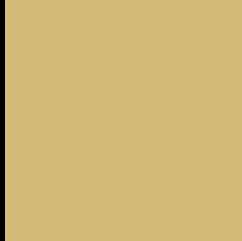
Large Text (above 18pt) WCAG AA × Fail

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 48.7237, 51.0919, 25.7061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

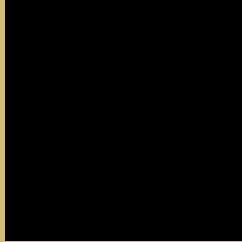
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.7237, 51.0919, 25.7061

Background



This preview shows how black text looks on a background with the XYZ color 48.7237, 51.0919, 25.7061.



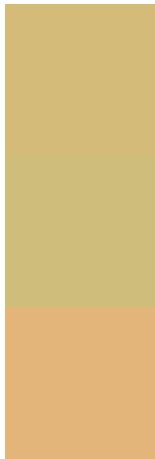
This preview shows how white text looks on a background with the XYZ color 48.7237, 51.0919,

25.7061.

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

48.7237, 51.0919, 25.7061

Protanopia

47.2263, 50.9471, 26.0836

Deuteranopia

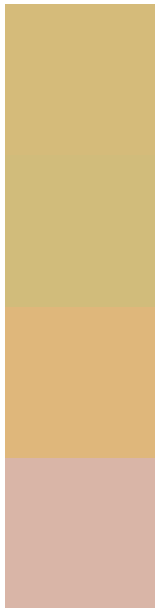
52.0939, 50.9718, 25.8318



Tritanopia

54.9500, 50.8622, 56.7904

Trichromacy



Original Color

48.7237, 51.0919, 25.7061

Protanomaly

47.8529, 50.9518, 26.0515

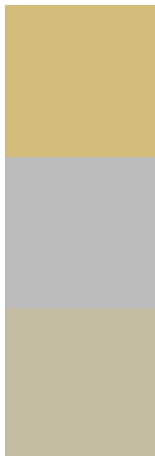
Deuteranomaly

50.9401, 50.9850, 25.8952

Tritanomaly

52.1142, 50.5895, 43.5772

Monochromacy



Original Color

48.7237, 51.0919, 25.7061

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.1461, 49.9208, 41.8011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7237, 51.0919, 25.7061 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(213, 187, 122)` looks like.

```
.text, #text, p{  
    color:rgb(213, 187, 122)  
}
```

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(213, 187, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 187, 122) }
```

Border

The CSS property to change the border of an element to XYZ 48.7237, 51.0919, 25.7061 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(213, 187, 122) }
```


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

```
.border{ border-color:rgb(213, 187, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 187, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 187, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 187, 122);  
box-shadow:4px 4px 4px 4px rgb(213, 187,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7237, 51.0919, 25.7061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 187, 122) }
```

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

```
.background{ background-color: rgb(213,  
187, 122) }
```

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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