

Converting Colors

XYZ(50.2916, 50.1134, 26.1055)

Have a look what the booklet for
XYZ(50.2916, 50.1134, 26.1055)
contains.

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Color

**XYZ(50.2862, 50.0326,
26.0757)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB57C
RGB	222, 181, 124
RGB Percent	87%, 71%, 49%
CMY	0.1294, 0.2902, 0.5137
CMYK	0.00, 0.18, 0.44, 0.13
HSL	35°, 60%, 68%
HSV	35°, 44%, 87%
XYZ	50.2862, 50.0326, 26.0757
YIQ	186.7610, 42.7330, -9.0350

Conversions

Conversions Part 2

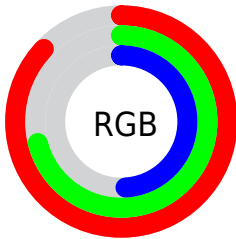
Format	Color
RYB	194, 222, 124
Decimal	14595452
CIELab	76.09, 7.46, 34.57
CIELCh	76, 35.370, 77.825
Yxy	50.0326, 0.3979, 0.3958
Android (android.graphics.Color)	4292785532 (0xFFDEB57C)
YUV	186.7610, -30.9412, 30.9046
Hunter-Lab	70.7337, 3.1157, 27.6566

Details

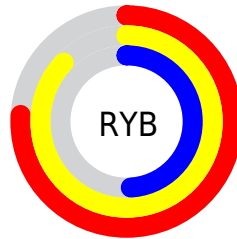
The XYZ color **50.2862, 50.0326, 26.0757** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.9517, 36.4680, 74.3040**, and the grayscale version is **47.2524, 49.7132, 54.1377**.

A 20% lighter version of the original color is **79.4600, 85.0027, 53.8141**, and **24.4723, 23.9321, 9.8081** is the 20% darker color. If you saturate the color by 10%, you get **47.2118, 45.8832, 18.8870**, and if you desaturate by 10%, it is **53.8051, 54.5649, 34.9728**.

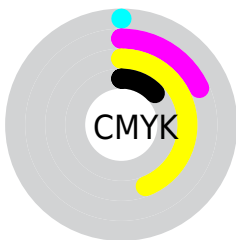
Distribution



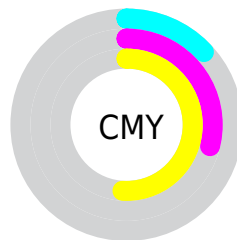
- Red (87%)
- Green (71%)
- Blue (49%)



- Red (76%)
- Yellow (87%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (44%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2862, 50.0326, 26.0757 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 50.2862, 50.0326, 26.0757 by changing the saturation by 10% instead.

50.2862, 50.0326,
26.0757

50.2862, 50.0326,
26.0757

378.2176,
386.7934, 296.7708

35.8596, 35.4393,
16.6540

89.7881, 90.2232,
54.3826

24.4954, 24.0015,
9.8288

115.5940,
116.5892, 74.1049

15.8282, 15.3347,
5.1815

145.9238,
147.6484, 98.0979

9.4928, 9.0546,
2.2935

181.1428,
183.7849, 126.7800

5.1236, 4.7768,
0.7276

221.6163,
225.3833, 160.5698

2.3555, 2.1169,
0.0000

267.7097,

0.8228, 0.6741,

272.8279, 199.8858

0.0000

319.7884,
326.5032, 245.1466

■ 0.0000, 0.0000,
0.0000

■ 50.2862, 50.0326,
26.0757

■ 50.2862, 50.0326,
26.0757

■ 47.2118, 45.8832,
18.8870

■ 53.8051, 54.5649,
34.9728

■ 44.5541, 42.0962,
13.2897

■ 57.7865, 59.4856,
45.6786

■ 42.2879, 38.6593,
9.1569


■ 62.2519, 64.8087,
58.2891


■ 40.3825, 35.5561,
6.3405


■ 67.2202, 70.5454,
72.8928

■ 38.8013, 32.7676,
4.6606

■ 72.7091, 76.7064,
89.5723

 37.9921, 31.2654,
4.0324

 78.3789, 83.1591,
106.5280

 81.1336, 88.6685,
107.4463

 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



56.6104, 50.0326, 31.7049



50.2862, 50.0326, 26.0757



43.7683, 50.0326, 26.6482

Triad

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



50.2862, 50.0326, 26.0757



36.4499, 50.0326, 66.3989



57.6115, 50.0326, 82.7590

Complementary

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



50.2862, 50.0326, 26.0757



34.9517, 36.4680, 74.3040

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.



51.5530, 50.0326, 97.0067



50.2862, 50.0326, 26.0757



39.5199, 50.0326, 86.1580

Square

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



50.2862, 50.0326, 26.0757



36.1790, 50.0326, 47.1539



44.9235, 50.0326, 98.3777



61.0948, 50.0326, 62.5216

Rectangle

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



50.2862, 50.0326, 26.0757



40.1768, 50.0326, 30.4828



44.9235, 50.0326, 98.3777



55.7842, 50.0326, 88.5918

Sweetspot

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



50.2874, 50.0350, 26.0767



85.8993, 89.5151, 81.7527



44.2580, 32.7157, 40.2839



18.0790, 18.7998, 16.6134



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.



50.2874, 50.0350, 26.0767



64.9215, 63.2133, 26.5013



57.9210, 68.2156, 29.1836



14.3662, 15.0184, 14.4484



22.6788, 18.7954, 2.4326



1.6599, 1.4786, 0.1979

Inverse Universe

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



34.9517, 36.4680, 74.3040



41.3760, 42.4044, 100.6119



29.6809, 24.4780, 72.2675



13.4208, 14.1808, 17.4175



10.2539, 7.9773, 42.0477



0.7977, 0.7269, 2.9435

Previews

White Background



This preview shows how the XYZ color 50.2862, 50.0326, 26.0757 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 50.2862, 50.0326, 26.0757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

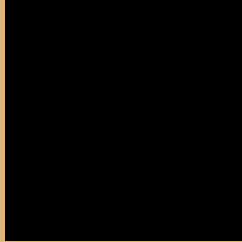
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2862, 50.0326, 26.0757

Background



This preview shows how black text looks on a background with the XYZ color 50.2862, 50.0326, 26.0757.

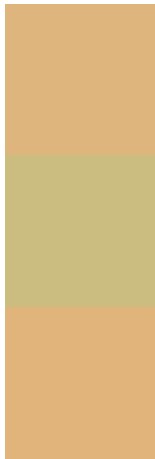


This preview shows how white text looks on a background with the XYZ color 50.2862, 50.0326,

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

50.2862, 50.0326, 26.0757

Protanopia

46.4426, 50.1953, 27.3195

Deuteranopia

51.0107, 50.1053, 26.0515



Tritanopia

55.8014, 49.9263, 53.1501

Trichromacy



Original Color

50.2862, 50.0326, 26.0757

Protanomaly

47.6932, 49.9059, 26.8578

Deuteranomaly

50.6998, 49.9450, 26.0370

Tritanomaly

53.5002, 49.8638, 41.4552

Monochromacy



Original Color

50.2862, 50.0326, 26.0757

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.8692, 49.6576, 42.1839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2862, 50.0326, 26.0757 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(222, 181, 124)` looks like.

```
.text, #text, p{  
    color:rgb(222, 181, 124)  
}
```

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(222, 181, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 181, 124) }
```

Border

The CSS property to change the border of an element to XYZ 50.2862, 50.0326, 26.0757 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(222, 181, 124) }
```


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

```
.border{ border-color:rgb(222, 181, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 181, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 181, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 181, 124);  
box-shadow:4px 4px 4px 4px rgb(222, 181,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2862, 50.0326, 26.0757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 181, 124) }
```

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

```
.background{ background-color: rgb(222,  
181, 124) }
```

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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