

Converting Colors

XYZ(50.3108, 49.8643, 26.1846)

Have a look what the booklet for
XYZ(50.3108, 49.8643, 26.1846)
contains.

XYZ(50.0835, 49.6273, 26.0081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.0835, 49.6273,
26.0081)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB47C
RGB	222, 180, 124
RGB Percent	87%, 71%, 49%
CMY	0.1294, 0.2941, 0.5137
CMYK	0.00, 0.19, 0.44, 0.13
HSL	34°, 60%, 68%
HSV	34°, 44%, 87%
XYZ	50.0835, 49.6273, 26.0081
YIQ	186.1740, 43.0080, -8.5120

Conversions

Conversions Part 2

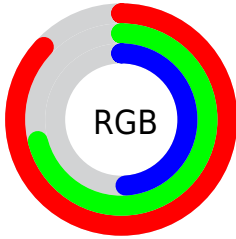
Format	Color
RYB	198, 222, 124
Decimal	14595196
CIELab	75.84, 7.99, 34.25
CIELCh	76, 35.172, 76.869
Yxy	49.6273, 0.3984, 0.3947
Android (android.graphics.Color)	4292785276 (0xFFDEB47C)
YUV	186.1740, -30.6518, 31.4194
Hunter-Lab	70.4466, 3.6216, 27.4235

Details

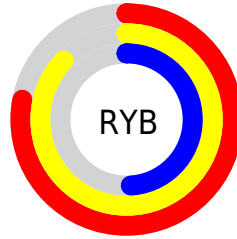
The XYZ color **50.0835, 49.6273, 26.0081** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.1327, 36.8300, 74.3643**, and the grayscale version is **46.9203, 49.3638, 53.7571**.

A 20% lighter version of the original color is **79.1713, 84.4252, 53.7179**, and **24.3425, 23.6725, 9.7648** is the 20% darker color. If you saturate the color by 10%, you get **46.9798, 45.4194, 18.8096**, and if you desaturate by 10%, it is **53.6375, 54.2300, 34.9169**.

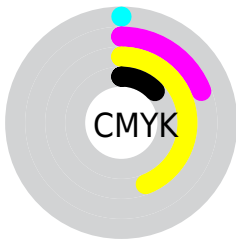
Distribution



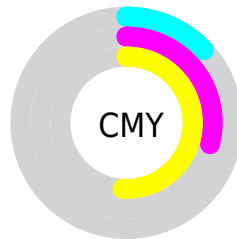
- Red (87%)
- Green (71%)
- Blue (49%)



- Red (78%)
- Yellow (87%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (44%)
- Black (13%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0835, 49.6273, 26.0081 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 50.0835, 49.6273, 26.0081 by changing the saturation by 10% instead.


 50.0835, 49.6273,
26.0081


 50.0835, 49.6273,
26.0081


377.4390,
385.2067, 296.4286


 35.6978, 35.1174,
16.6039


 89.4897, 89.6224,
54.2723

 24.3699, 23.7533,
9.7935


 115.2409,
115.8764, 73.9693

 15.7345, 15.1507,
5.1585


 145.5113,
146.8138, 97.9343

 9.4261, 8.9252,
2.2802

180.6662,
182.8191, 126.5859

 5.0795, 4.6924,
0.7201

221.0711,
224.2766, 160.3426

 2.3292, 2.0680,
0.0000

267.0913,

 0.8095, 0.6465,

271.5708, 199.6229

0.0000

319.0922,
325.0860, 244.8454

■ 0.0000, 0.0000,
0.0000

■ 50.0835, 49.6273,
26.0081

■ 50.0835, 49.6273,
26.0081

■ 46.9798, 45.4194,
18.8096

■ 53.6375, 54.2300,
34.9169

■ 44.2987, 41.5854,
13.2045

■ 57.6603, 59.2332,
45.6364

■ 42.0145, 38.1126,
9.0657


■ 62.1733, 64.6516,
58.2628


■ 40.0965, 34.9842,
6.2452


■ 67.1957, 70.4966,
72.8845


■ 38.5079, 32.1808,
4.5628

■ 72.7454, 76.7790,
89.5842

 37.6965, 30.6744,
3.9339

 78.4827, 83.3668,
106.5627

 81.3119, 89.0252,
107.5057

 83.9341, 94.2696,
108.3798

Harmonies

Analogous

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



56.2975, 49.6273, 31.7873



50.0835, 49.6273, 26.0081



43.6141, 49.6273, 26.3833

Triad

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



50.0835, 49.6273, 26.0081



36.1316, 49.6273, 65.1726



56.9526, 49.6273, 82.5801

Complementary

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



50.0835, 49.6273, 26.0081



35.1327, 36.8300, 74.3643

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.



50.9126, 49.6273, 96.3370



50.0835, 49.6273, 26.0081



39.0853, 49.6273, 84.8035

Square

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



50.0835, 49.6273, 26.0081



35.9541, 49.6273, 46.2616



44.3703, 49.6273, 97.2337



60.5032, 49.6273, 62.6353

Rectangle

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



50.0835, 49.6273, 26.0081



40.0207, 49.6273, 30.0452



44.3703, 49.6273, 97.2337



55.1220, 49.6273, 88.2638

Sweetspot

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



50.0847, 49.6297, 26.0091



85.7992, 89.3149, 81.7193



44.2579, 32.7157, 40.2838



18.0542, 18.7503, 16.6051



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.



50.0847, 49.6297, 26.0091



64.6068, 62.5838, 26.3963



57.9209, 68.2155, 29.1835



14.3542, 14.9944, 14.4444



22.5035, 18.4449, 2.3742



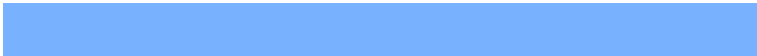
1.6482, 1.4552, 0.1940

Inverse Universe

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



35.1327, 36.8300, 74.3643



41.6485, 42.9495, 100.7027



29.6809, 24.4779, 72.2674



13.4326, 14.2043, 17.4214



10.3747, 8.2189, 42.0880



0.8066, 0.7448, 2.9465

Previews

White Background



This preview shows how the XYZ color 50.0835, 49.6273, 26.0081 looks on a white background.

Color Contrast Check

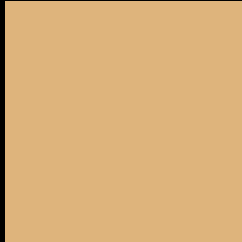
Large Text (above 18pt) WCAG AA × Fail

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 50.0835, 49.6273, 26.0081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

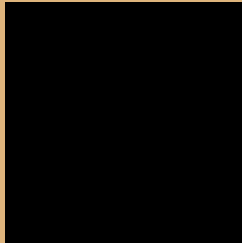
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0835, 49.6273, 26.0081

Background



This preview shows how black text looks on a background with the XYZ color 50.0835, 49.6273, 26.0081.



This preview shows how white text looks on a background with the XYZ color 50.0835, 49.6273,

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

50.0835, 49.6273, 26.0081

Protanopia

46.2297, 49.7695, 27.2486

Deuteranopia

50.8095, 49.7030, 25.9845



Tritanopia

55.5044, 49.5018, 52.5283

Trichromacy



Original Color

50.0835, 49.6273, 26.0081

Protanomaly

47.4847, 49.4890, 26.7883

Deuteranomaly

50.4987, 49.5427, 25.9699

Tritanomaly

53.3049, 49.4730, 41.3901

Monochromacy



Original Color

50.0835, 49.6273, 26.0081

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.3045, 49.0674, 41.6281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0835, 49.6273, 26.0081 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, 180, 124)` looks like.

```
.text, #text, p{  
    color:rgb(222, 180, 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, 180, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 180, 124) }
```

Border

The CSS property to change the border of an element to XYZ 50.0835, 49.6273, 26.0081 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, 180, 124) }
```


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

```
.border{ border-color:rgb(222, 180, 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, 180, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 180, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 180, 124);  
box-shadow:4px 4px 4px 4px rgb(222, 180,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0835, 49.6273, 26.0081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 180, 124) }
```

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

```
.background{ background-color: rgb(222,  
180, 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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