

Converting Colors

XYZ(49.6523, 49.7138, 27.3676)

Have a look what the booklet for
XYZ(49.6523, 49.7138, 27.3676)
contains.

XYZ(49.6336, 49.6663, 27.3927)	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(49.6336, 49.6663,
27.3927)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB580
RGB	219, 181, 128
RGB Percent	86%, 71%, 50%
CMY	0.1412, 0.2902, 0.4980
CMYK	0.00, 0.17, 0.42, 0.14
HSL	35°, 56%, 68%
HSV	35°, 42%, 86%
XYZ	49.6336, 49.6663, 27.3927
YIQ	186.3200, 39.6610, -8.4270

Conversions

Conversions Part 2

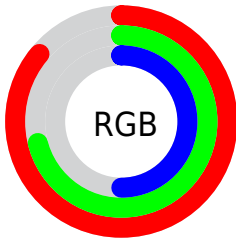
Format	Color
RYB	193, 219, 128
Decimal	14398848
CIELab	75.86, 6.67, 32.13
CIElCh	76, 32.815, 78.266
Yxy	49.6663, 0.3918, 0.3920
Android (android.graphics.Color)	4292588928 (0xFFDDBB580)
YUV	186.3200, -28.7518, 28.6604
Hunter-Lab	70.4743, 2.3838, 26.2866

Details

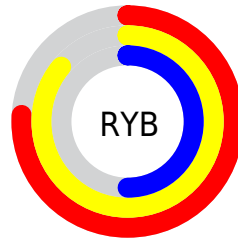
The XYZ color **49.6336, 49.6663, 27.3927** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.3241, 36.9750, 72.2930**, and the grayscale version is **46.9933, 49.4406, 53.8409**.

A 20% lighter version of the original color is **79.8647, 85.1646, 55.9451**, and **23.9946, 23.6698, 10.5118** is the 20% darker color. If you saturate the color by 10%, you get **46.5465, 45.5552, 20.0032**, and if you desaturate by 10%, it is **53.1564, 54.1506, 36.4632**.

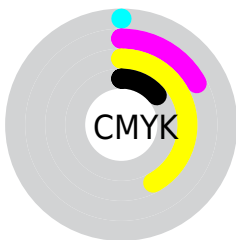
Distribution



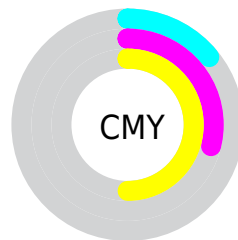
- Red (86%)
- Green (71%)
- Blue (50%)



- Red (76%)
- Yellow (86%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (42%)
- Black (14%)





- Cyan (14%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.6336, 49.6663, 27.3927 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 49.6336, 49.6663, 27.3927 by changing the saturation by 10% instead.


 49.6336, 49.6663,
27.3927


 49.6336, 49.6663,
27.3927


375.7071,
385.3595, 303.3736


 35.3390, 35.1483,
17.6333

 88.8268, 89.6803,
56.5248

 24.0918, 23.7772,
10.5204


 114.4561,
115.9450, 76.7345

 15.5269, 15.1684,
5.6352


 144.5944,
146.8942, 101.2649

 9.2787, 8.9377,
2.5594

179.6069,
182.9121, 130.5343

 4.9820, 4.7005,
0.8714

219.8591,
224.3832, 164.9613

 2.2713, 2.0727,
0.0000

265.7163,

 0.7799, 0.6492,

271.6919, 204.9645

0.0000

317.5438,
325.2225, 250.9624

■ 0.0000, 0.0000,
0.0000

■ 49.6336, 49.6663,
27.3927

■ 49.6336, 49.6663,
27.3927

■ 46.5465, 45.5552,
20.0032

■ 53.1564, 54.1506,
36.4632

■ 43.8687, 41.7976,
14.1846

■ 57.1318, 59.0130,
47.3095

■ 41.5766, 38.3819,
9.8181


■ 61.5802, 64.2670,
60.0227

■ 39.6418, 35.2930,
6.7664


■ 66.5196, 69.9233,
74.6868


■ 38.0307, 32.5133,
4.8653


■ 71.9669, 75.9918,
91.3806

 36.8754, 30.3841,
3.9212

 77.2212, 82.1956,
106.4031

 79.9198, 87.5928,
107.3026

 82.7551, 93.2633,
108.2477

 83.0234, 93.8001,
108.3372

Harmonies

Analogous

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



55.4579, 49.6663, 32.6733



49.6336, 49.6663, 27.3927



43.6225, 49.6663, 28.0274

Triad

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



49.6336, 49.6663, 27.3927



36.9153, 49.6663, 65.3122



56.5174, 49.6663, 79.6807

Complementary

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



49.6336, 49.6663, 27.3927



35.3241, 36.9750, 72.2930

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.



50.9813, 49.6663, 92.6885



49.6336, 49.6663, 27.3927



39.8167, 49.6663, 83.2391

Square

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



49.6336, 49.6663, 27.3927



36.6223, 49.6663, 47.5265



44.8595, 49.6663, 94.1155



59.6552, 49.6663, 61.2059

Rectangle

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



49.6336, 49.6663, 27.3927



40.3044, 49.6663, 31.7478



44.8595, 49.6663, 94.1155



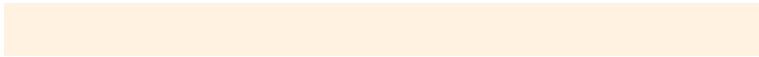
54.8543, 49.6663, 84.9944

Sweetspot

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



49.6348, 49.6686, 27.3937



86.5676, 90.3010, 83.6730



43.9481, 33.3050, 40.8823



18.3446, 19.1130, 17.3744



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.



49.6348, 49.6686, 27.3937



66.1688, 64.9362, 29.2964



56.6492, 66.3578, 30.2453



13.6829, 14.3052, 13.7656



21.9759, 18.2373, 2.3619



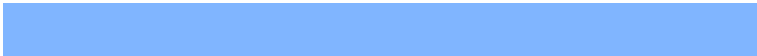
1.5081, 1.3503, 0.1811

Inverse Universe

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



35.3241, 36.9750, 72.2930



43.3471, 44.7107, 100.9531



30.3480, 25.6273, 70.3649



12.7832, 13.5061, 16.5853



9.9249, 7.7192, 40.7053



0.7268, 0.6678, 2.6650

Previews

White Background



This preview shows how the XYZ color 49.6336, 49.6663, 27.3927 looks on a white background.

Color Contrast Check

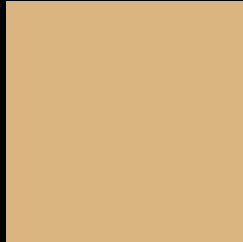
Large Text (above 18pt) WCAG AA × Fail

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 49.6336, 49.6663, 27.3927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

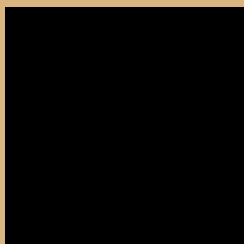
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.6336, 49.6663, 27.3927

Background



This preview shows how black text looks on a background with the XYZ color 49.6336, 49.6663, 27.3927.



This preview shows how white text looks on a background with the XYZ color 49.6336, 49.6663,

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

49.6336, 49.6663, 27.3927

Protanopia

46.2242, 49.7359, 28.6364

Deuteranopia

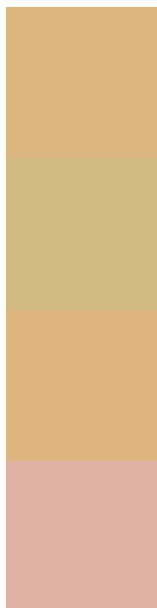
50.7569, 49.6460, 27.3295



Tritanopia

54.9645, 49.4825, 53.6678

Trichromacy



Original Color

49.6336, 49.6663, 27.3927

Protanomaly

47.3907, 49.7195, 28.2182

Deuteranomaly

50.3417, 49.7306, 27.3677

Tritanomaly

52.8397, 49.4918, 42.8443

Monochromacy



Original Color

49.6336, 49.6663, 27.3927

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.2207, 49.0034, 42.5671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6336, 49.6663, 27.3927 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(219, 181, 128)` looks like.

```
.text, #text, p{  
    color:rgb(219, 181, 128)  
}
```

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(219, 181, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 181, 128) }
```

Border

The CSS property to change the border of an element to XYZ 49.6336, 49.6663, 27.3927 is called "border". The border property can be set on classes, ids or directly on the HTML element.

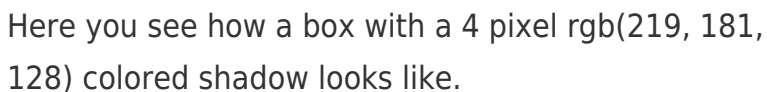
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 181, 128) }
```


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

```
.border{ border-color:rgb(219, 181, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 181, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 181, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 181, 128); box-shadow:4px 4px 4px 4px rgb(219, 181, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6336, 49.6663, 27.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 181, 128) }
```

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

```
.background{ background-color: rgb(219,  
181, 128) }
```

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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