

Converting Colors

XYZ(50.7443, 50.4758, 26.9232)

Have a look what the booklet for
XYZ(50.7443, 50.4758, 26.9232)
contains.

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Color

**XYZ(50.9253, 50.6502,
26.8311)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB67E
RGB	223, 182, 126
RGB Percent	87%, 71%, 49%
CMY	0.1255, 0.2863, 0.5059
CMYK	0.00, 0.18, 0.43, 0.13
HSL	35°, 60%, 68%
HSV	35°, 43%, 87%
XYZ	50.9253, 50.6502, 26.8311
YIQ	187.8750, 42.4120, -8.7240

Conversions

Conversions Part 2

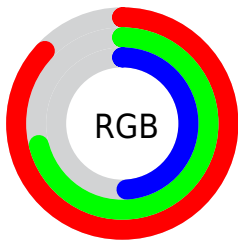
Format	Color
RYB	197, 223, 126
Decimal	14661246
CIELab	76.47, 7.54, 34.04
CIELCh	76, 34.862, 77.511
Yxy	50.6502, 0.3966, 0.3945
Android (android.graphics.Color)	4292851326 (0xFFDFB67E)
YUV	187.8750, -30.5044, 30.8046
Hunter-Lab	71.1690, 3.1809, 27.4656

Details

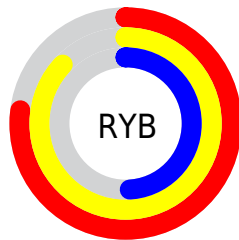
The XYZ color **50.9253, 50.6502, 26.8311** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.7418, 37.3996, 75.1471**, and the grayscale version is **47.8809, 50.3744, 54.8578**.

A 20% lighter version of the original color is **79.9512, 85.6637, 54.9687**, and **24.8806, 24.3293, 10.2222** is the 20% darker color. If you saturate the color by 10%, you get **47.7783, 46.4081, 19.4569**, and if you desaturate by 10%, it is **54.5254, 55.2852, 35.9398**.

Distribution



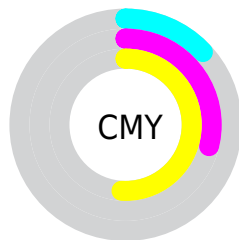
- Red (87%)
- Green (71%)
- Blue (49%)



- Red (77%)
- Yellow (87%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (43%)
- Black (13%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9253, 50.6502, 26.8311 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 50.9253, 50.6502, 26.8311 by changing the saturation by 10% instead.


 50.9253, 50.6502,
26.8311


 50.9253, 50.6502,
26.8311


380.6659,
389.2032, 300.5727

 36.3700, 35.9303,
17.2151


 90.7280, 91.1375,
55.6132

 24.8915, 24.3804,
10.2244


 116.7061,
117.6737, 75.6163

 16.1245, 15.6160,
5.4404


 147.2224,
148.9174, 99.9189

 9.7037, 9.2529,
2.4447

182.6424,
185.2531, 128.9395

 5.2637, 4.9065,
0.8106

223.3314,
227.0651, 163.0966

 2.4392, 2.1925,
0.0000

269.6548,

 0.8647, 0.7159,

274.7379, 202.8088

0.0000

321.9778,
328.6558, 248.4947

0.0000, 0.0000,
0.0000

50.9253, 50.6502,
26.8311

50.9253, 50.6502,
26.8311

47.7783, 46.4081,
19.4569

54.5254, 55.2852,
35.9398

45.0567, 42.5380,
13.6998

58.5971, 60.3188,
46.8837

42.7349, 39.0275,
9.4322


63.1618, 65.7652,
59.7597


40.7821, 35.8600,
6.5062


68.2388, 71.6360,
74.6567


39.1617, 33.0162,
4.7423

73.8460, 77.9418,
91.6580

 38.2492, 31.3236,
4.0301

 79.2174, 84.3799,
106.7195

 82.0422, 90.0294,
107.6611

 84.2414, 94.4280,
108.3942

Harmonies

Analogous

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



57.1883, 50.6502, 32.5414



50.9253, 50.6502, 26.8311



44.4396, 50.6502, 27.3419

Triad

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



50.9253, 50.6502, 26.8311



37.0712, 50.6502, 66.7675



58.0708, 50.6502, 83.3736

Complementary

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



50.9253, 50.6502, 26.8311



35.7418, 37.3996, 75.1471

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.



52.0435, 50.6502, 97.3473



50.9253, 50.6502, 26.8311



40.1030, 50.6502, 86.3616

Square

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



50.9253, 50.6502, 26.8311



36.8310, 50.6502, 47.6899



45.4610, 50.6502, 98.5507



61.5586, 50.6502, 63.3489

Rectangle

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



50.9253, 50.6502, 26.8311



40.8516, 50.6502, 31.1411



45.4610, 50.6502, 98.5507



56.2508, 50.6502, 89.1139

Sweetspot

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



50.9266, 50.6526, 26.8321



85.8570, 89.4304, 81.7385



44.9636, 33.4386, 41.1471



18.0685, 18.7789, 16.6099



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.



50.9266, 50.6526, 26.8321



65.1917, 63.5031, 27.3639



58.6305, 68.9621, 29.9602



14.3611, 15.0082, 14.4467



22.6042, 18.6463, 2.4077



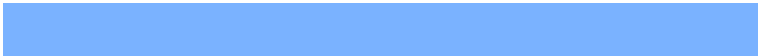
1.6549, 1.4686, 0.1963

Inverse Universe

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



35.7418, 37.3996, 75.1471



42.1411, 43.4033, 100.7644



30.3695, 25.1933, 73.0742



13.4258, 14.1907, 17.4191



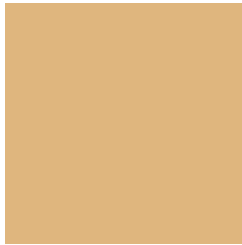
10.3045, 8.0786, 42.0646



0.8015, 0.7344, 2.9448

Previews

White Background



This preview shows how the XYZ color 50.9253, 50.6502, 26.8311 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 50.9253, 50.6502, 26.8311 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 50.9253, 50.6502, 26.8311

Background



This preview shows how black text looks on a background with the XYZ color 50.9253, 50.6502, 26.8311.



This preview shows how white text looks on a background with the XYZ color 50.9253, 50.6502,

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

50.9253, 50.6502, 26.8311

Protanopia

47.0619, 50.8175, 28.0972

Deuteranopia

51.6538, 50.7229, 26.8067



Tritanopia

56.5263, 50.5610, 54.3569

Trichromacy



Original Color

50.9253, 50.6502, 26.8311

Protanomaly

48.3192, 50.5252, 27.6277

Deuteranomaly

51.3411, 50.5617, 26.7921

Tritanomaly

54.1922, 50.4918, 42.4870

Monochromacy



Original Color

50.9253, 50.6502, 26.8311

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.4378, 50.2519, 42.7440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9253, 50.6502, 26.8311 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(223, 182, 126)` looks like.

```
.text, #text, p{  
    color:rgb(223, 182, 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(223, 182, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 182, 126) }
```

Border

The CSS property to change the border of an element to XYZ 50.9253, 50.6502, 26.8311 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(223, 182, 126) }
```


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

```
.border{ border-color:rgb(223, 182, 126) }
```

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

Here you see how a box with a 4 pixel rgb(223, 182, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 182, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 182, 126);  
box-shadow:4px 4px 4px 4px rgb(223, 182,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9253, 50.6502, 26.8311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 182, 126) }
```

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

```
.background{ background-color: rgb(223,  
182, 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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