

Converting Colors

XYZ(50.4390, 51.2856, 26.4594)

Have a look what the booklet for
XYZ(50.4390, 51.2856, 26.4594)
contains.

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Color

**XYZ(50.5023, 51.3688,
26.3222)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB97C
RGB	220, 185, 124
RGB Percent	86%, 73%, 49%
CMY	0.1373, 0.2745, 0.5137
CMYK	0.00, 0.16, 0.44, 0.14
HSL	38°, 58%, 67%
HSV	38°, 44%, 86%
XYZ	50.5023, 51.3688, 26.3222
YIQ	188.5110, 40.4410, -11.5510

Conversions

Conversions Part 2

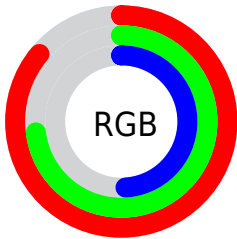
Format	Color
RYB	179, 220, 124
Decimal	14465404
CIELab	76.90, 4.54, 35.59
CIELCh	77, 35.873, 82.737
Yxy	51.3688, 0.3940, 0.4007
Android (android.graphics.Color)	4292655484 (0xFFDCB97C)
YUV	188.5110, -31.8039, 27.6159
Hunter-Lab	71.6720, 0.3505, 28.3956

Details

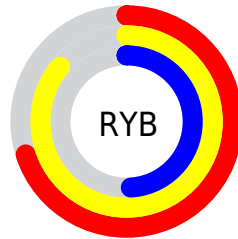
The XYZ color **50.5023, 51.3688, 26.3222** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.6282, 34.2476, 72.5482**, and the grayscale version is **48.2512, 50.7640, 55.2820**.

A 20% lighter version of the original color is **80.6311, 87.3449, 54.2045**, and **24.5916, 24.7835, 9.9661** is the 20% darker color. If you saturate the color by 10%, you get **47.6329, 47.6137, 19.2507**, and if you desaturate by 10%, it is **53.7792, 55.4422, 35.0619**.

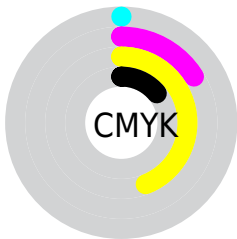
Distribution



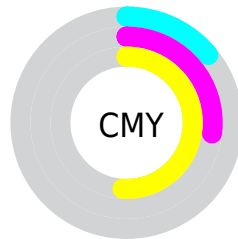
- Red (86%)
- Green (73%)
- Blue (49%)



- Red (70%)
- Yellow (86%)
- Blue (49%)



- Cyan (0%)
- Magenta (16%)
- Yellow (44%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5023, 51.3688, 26.3222 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 50.5023, 51.3688, 26.3222 by changing the saturation by 10% instead.


 50.5023, 51.3688,
26.3222

 50.5023, 51.3688,
26.3222


379.0466,
391.9950, 298.0158

 36.0321, 36.5022,
16.8369


 90.1060, 92.1997,
54.7847

 24.6292, 24.8223,
9.9576


 115.9703,
118.9328, 74.5991

 15.9283, 15.9447,
5.2656


 146.3633,
150.3901, 98.6935

 9.5639, 9.4850,
2.3425

181.6503,
186.9562, 127.4865

 5.1708, 5.0589,
0.7549

222.1969,
229.0153, 161.3967

 2.3836, 2.2819,
0.0000

268.3682,

 0.8369, 0.7641,

276.9518, 200.8427

0.0000

320.5296,
331.1503, 246.2428

■ 0.0000, 0.0000,
0.0000

■ 50.5023, 51.3688,
26.3222

■ 50.5023, 51.3688,
26.3222

■ 47.6329, 47.6137,
19.2507

■ 53.7792, 55.4422,
35.0619

■ 45.1449, 44.1582,
13.7338

■ 57.4804, 59.8372,
45.5669

■ 43.0145, 40.9922,
9.6484


■ 61.6261, 64.5662,
57.9308


■ 41.2129, 38.1015,
6.8514


■ 66.2338, 69.6385,
72.2393


■ 39.7057, 35.4698,
5.1692


■ 71.3202, 75.0631,
88.5730

 38.8645, 33.9143,
4.4977

 76.7392, 80.7837,
106.1560

 79.0630, 85.4313,
106.9306

 81.4914, 90.2880,
107.7400

 83.3252, 93.9557,
108.3513

Harmonies

Analogous

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



57.2082, 51.3688, 31.0377



50.5023, 51.3688, 26.3222



43.9265, 51.3688, 27.9387

Triad

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



50.5023, 51.3688, 26.3222



37.6948, 51.3688, 71.7500



60.0299, 51.3688, 81.9105

Complementary

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



50.5023, 51.3688, 26.3222



33.6282, 34.2476, 72.5482

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.



54.0737, 51.3688, 98.2435



50.5023, 51.3688, 26.3222



41.3027, 51.3688, 91.4880

Square

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



50.5023, 51.3688, 26.3222



36.9305, 51.3688, 51.3141



47.1843, 51.3688, 102.1054



63.0320, 51.3688, 60.8188

Rectangle

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



50.5023, 51.3688, 26.3222



40.4500, 51.3688, 32.6217



47.1843, 51.3688, 102.1054



58.2817, 51.3688, 88.3227

Sweetspot

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



50.5036, 51.3712, 26.3232



86.4301, 90.5767, 81.9296



42.9986, 32.1416, 36.8302



18.2103, 19.0624, 16.6571



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.



50.5036, 51.3712, 26.3232



67.0090, 67.1376, 27.9697



55.0196, 65.9360, 28.8965



13.7424, 14.4241, 13.7854



22.9186, 20.1228, 2.6762



1.5657, 1.4655, 0.2003

Inverse Universe

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



33.6282, 34.2476, 72.5482



40.6461, 40.4134, 100.2660



30.4102, 24.8847, 70.9106



12.7254, 13.3905, 16.5661



9.3708, 6.6110, 40.5205



0.6875, 0.5891, 2.6519

Previews

White Background



This preview shows how the XYZ color 50.5023, 51.3688, 26.3222 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 50.5023, 51.3688, 26.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

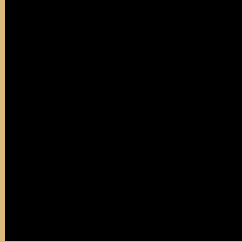
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5023, 51.3688, 26.3222

Background



This preview shows how black text looks on a background with the XYZ color 50.5023, 51.3688, 26.3222.



This preview shows how white text looks on a background with the XYZ color 50.5023, 51.3688,

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

50.5023, 51.3688, 26.3222

Protanopia

47.6329, 51.4551, 27.1600

Deuteranopia

52.4245, 51.4305, 26.5661



Tritanopia

56.6950, 51.4929, 55.6662

Trichromacy



Original Color

50.5023, 51.3688, 26.3222

Protanomaly

48.5489, 51.2960, 26.7444

Deuteranomaly

51.6865, 51.3552, 26.5904

Tritanomaly

53.9447, 51.2430, 43.1241

Monochromacy



Original Color

50.5023, 51.3688, 26.3222

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.5942, 50.9624, 42.8729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5023, 51.3688, 26.3222 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(220, 185, 124)` looks like.

```
.text, #text, p{  
    color:rgb(220, 185, 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(220, 185, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 185, 124) }
```

Border

The CSS property to change the border of an element to XYZ 50.5023, 51.3688, 26.3222 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(220, 185, 124) }
```


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

```
.border{ border-color:rgb(220, 185, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 185, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 185, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 185, 124);  
box-shadow:4px 4px 4px 4px rgb(220, 185,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5023, 51.3688, 26.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 185, 124) }
```

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

```
.background{ background-color: rgb(220,  
185, 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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