

Converting Colors

XYZ(51.8728, 53.1718, 28.4626)

Have a look what the booklet for
XYZ(51.8728, 53.1718, 28.4626)
contains.

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Color

**XYZ(51.9788, 53.3523,
28.3273)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBD81
RGB	221, 189, 129
RGB Percent	87%, 74%, 51%
CMY	0.1333, 0.2588, 0.4941
CMYK	0.00, 0.14, 0.42, 0.13
HSL	39°, 57%, 69%
HSV	39°, 42%, 87%
XYZ	51.9788, 53.3523, 28.3273
YIQ	191.7280, 38.3320, -11.8760

Conversions

Conversions Part 2

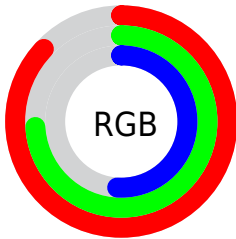
Format	Color
RYB	178, 221, 129
Decimal	14531969
CIELab	78.08, 3.36, 34.53
CIELCh	78, 34.697, 84.451
Yxy	53.3523, 0.3889, 0.3992
Android (android.graphics.Color)	4292722049 (0xFFDDBD81)
YUV	191.7280, -30.9249, 25.6715
Hunter-Lab	73.0427, -0.8000, 28.1361

Details

The XYZ color **51.9788, 53.3523, 28.3273** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.8488, 35.3760, 73.3980**, and the grayscale version is **50.1043, 52.7137, 57.4052**.

A 20% lighter version of the original color is **82.4397, 89.9837, 57.8233**, and **25.5253, 26.0653, 11.0829** is the 20% darker color. If you saturate the color by 10%, you get **49.0564, 49.6096, 20.8729**, and if you desaturate by 10%, it is **55.3092, 57.4023, 37.4862**.

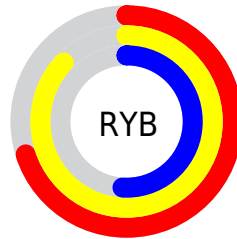
Distribution



Red (87%)

Green (74%)

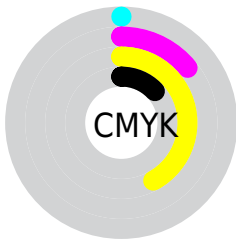
Blue (51%)



Red (70%)

Yellow (87%)

Blue (51%)

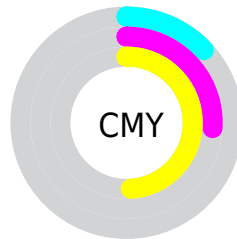


Cyan (0%)

Magenta (14%)

Yellow (42%)

Black (13%)



Cyan (13%)

Magenta (26%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9788, 53.3523, 28.3273 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 51.9788, 53.3523, 28.3273 by changing the saturation by 10% instead.

■ 51.9788, 53.3523,
28.3273

■ 51.9788, 53.3523,
28.3273

384.6801,
399.6353, 307.9886

■ 37.2124, 38.0841,
18.3313

■ 92.2744, 95.1226,
58.0359

■ 25.5464, 26.0480,
11.0162

■ 118.5343,
122.3934, 78.5857

■ 16.6155, 16.8595,
5.9635

■ 149.3560,
154.4339, 103.4905

■ 10.0543, 10.1344,
2.7544

185.1050,
191.6285, 133.1688

■ 5.4975, 5.4881,
0.9707

226.1465,
234.3615, 168.0393

■ 2.5798, 2.5364,
0.0000

272.8459,

■ 0.9357, 0.8948,

283.0174, 208.5204

0.0000

325.5687,
337.9805, 255.0306

■ 0.0000, 0.0000,
0.0000

■ 51.9788, 53.3523,
28.3273

■ 51.9788, 53.3523,
28.3273

■ 49.0564, 49.6096,
20.8729

■ 55.3092, 57.4023,
37.4862

■ 46.5161, 46.1558,
15.0104

■ 59.0637, 61.7623,
48.4460

■ 44.3345, 42.9814,
10.6186


■ 63.2624, 66.4443,
61.2996


■ 42.4838, 40.0730,
7.5573


■ 67.9227, 71.4573,
76.1327


■ 40.9307, 37.4148,
5.6585

■ 73.0610, 76.8098,
93.0256

 39.8136, 35.3619,
4.7271

 77.6114, 82.0775,
106.3597

 79.8612, 86.5770,
107.1096

 82.2072, 91.2691,
107.8917

 83.6287, 94.1121,
108.3655

Harmonies

Analogous

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



58.6601, 53.3523, 32.7340



51.9788, 53.3523, 28.3273



45.5107, 53.3523, 30.3360

Triad

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



51.9788, 53.3523, 28.3273



39.7598, 53.3523, 74.9278



62.0544, 53.3523, 82.5717

Complementary

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



51.9788, 53.3523, 28.3273



34.8488, 35.3760, 73.3980

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.



56.2905, 53.3523, 99.0623



51.9788, 53.3523, 28.3273



43.5124, 53.3523, 94.0060

Square

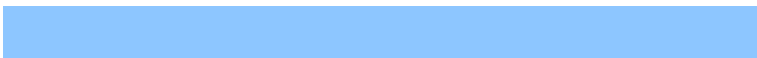
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.9788, 53.3523, 28.3273



38.8265, 53.3523, 54.5611



49.4615, 53.3523, 103.6542



64.7996, 53.3523, 61.7712

Rectangle

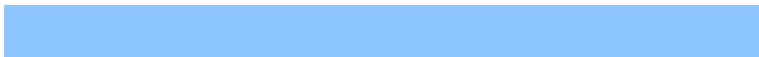
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.9788, 53.3523, 28.3273



42.1297, 53.3523, 35.3375



49.4615, 53.3523, 103.6542



60.3821, 53.3523, 88.9721

Sweetspot

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



51.9801, 53.3548, 28.3284



87.2075, 91.5807, 83.8863



44.1200, 33.6534, 37.9817



18.4955, 19.4146, 17.4247



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.



51.9801, 53.3548, 28.3284



68.3132, 69.2248, 30.0112



55.6070, 66.5921, 30.6923



13.7613, 14.4619, 13.7917



23.2381, 20.7618, 2.7826



1.5849, 1.5039, 0.2067

Inverse Universe

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



34.8488, 35.3760, 73.3980



41.5993, 41.2149, 100.3705



32.1950, 26.7434, 71.8716



12.7072, 13.3541, 16.5600



9.2134, 6.2962, 40.4681



0.6759, 0.5659, 2.6481

Previews

White Background



This preview shows how the XYZ color 51.9788, 53.3523, 28.3273 looks on a white background.

Color Contrast Check

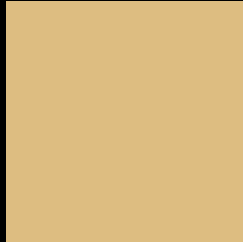
Large Text (above 18pt) WCAG AA × Fail

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 51.9788, 53.3523, 28.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

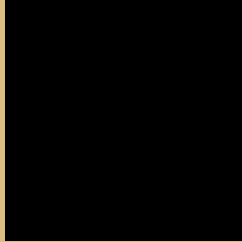
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9788, 53.3523, 28.3273

Background



This preview shows how black text looks on a background with the XYZ color 51.9788, 53.3523, 28.3273.



This preview shows how white text looks on a background with the XYZ color 51.9788, 53.3523,

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

51.9788, 53.3523, 28.3273

Protanopia

49.4612, 53.3339, 29.1603

Deuteranopia

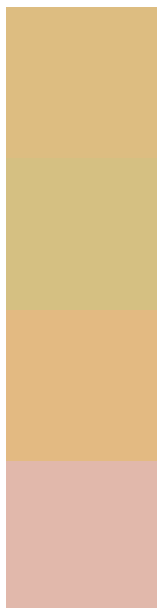
54.3332, 53.2986, 28.5431



Tritanopia

58.3691, 53.4819, 58.8764

Trichromacy



Original Color

51.9788, 53.3523, 28.3273

Protanomaly

50.3195, 53.4571, 28.7852

Deuteranomaly

53.2667, 53.0604, 28.5533

Tritanomaly

55.5425, 53.2288, 45.8749

Monochromacy



Original Color

51.9788, 53.3523, 28.3273

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.4208, 52.8227, 45.0745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9788, 53.3523, 28.3273 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(221, 189, 129)` looks like.

```
.text, #text, p{  
    color:rgb(221, 189, 129)  
}
```

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(221, 189, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 189, 129) }
```

Border

The CSS property to change the border of an element to XYZ 51.9788, 53.3523, 28.3273 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(221, 189, 129) }
```


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

```
.border{ border-color:rgb(221, 189, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 189, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 189, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 189, 129); box-shadow:4px 4px 4px 4px rgb(221, 189, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9788, 53.3523, 28.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 189, 129) }
```

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

```
.background{ background-color: rgb(221,  
189, 129) }
```

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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