

Converting Colors

XYZ(52.0567, 52.9726, 47.2854)

Have a look what the booklet for
XYZ(52.0567, 52.9726, 47.2854)
contains.

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Color

**XYZ(52.1321, 53.0065,
47.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BDAE
RGB	209, 189, 174
RGB Percent	82%, 74%, 68%
CMY	0.1804, 0.2588, 0.3176
CMYK	0.00, 0.10, 0.17, 0.18
HSL	26°, 28%, 75%
HSV	26°, 17%, 82%
XYZ	52.1321, 53.0065, 47.5280
YIQ	193.2700, 16.7350, -0.4250

Conversions

Conversions Part 2

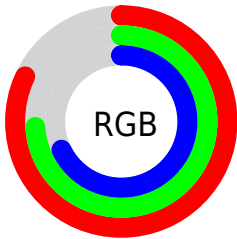
Format	Color
RYB	209, 200, 174
Decimal	13745582
CIELab	77.88, 4.63, 10.15
CIELCh	78, 11.154, 65.449
Yxy	53.0065, 0.3415, 0.3472
Android (android.graphics.Color)	4291935662 (0xFFD1BDAE)
YUV	193.2700, -9.5001, 13.7952
Hunter-Lab	72.8056, 0.4044, 12.2590

Details

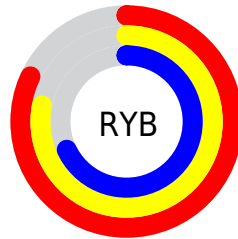
The XYZ color **52.1321, 53.0065, 47.5280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2557, 52.1846, 67.8514**, and the grayscale version is **50.8958, 53.5464, 58.3120**.

A 20% lighter version of the original color is **88.0353, 92.2220, 87.2894**, and **25.6434, 25.8835, 22.0568** is the 20% darker color. If you saturate the color by 10%, you get **47.7878, 47.3285, 36.7975**, and if you desaturate by 10%, it is **57.0079, 59.2391, 60.0010**.

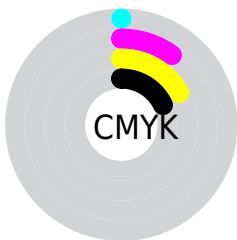
Distribution



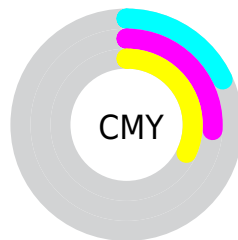
- Red (82%)
- Green (74%)
- Blue (68%)



- Red (82%)
- Yellow (78%)
- Blue (68%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (18%)





- Cyan (18%)
- Magenta (26%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1321, 53.0065, 47.5280 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 52.1321, 53.0065, 47.5280 by changing the saturation by 10% instead.


 52.1321, 53.0065,
47.5280

 52.1321, 53.0065,
47.5280

385.2620,
398.3101, 393.3728

 37.3351, 37.8080,
33.0959


 92.4991, 94.6139,
87.8594

 25.6419, 25.8337,
21.9282


118.7998,
121.7916, 114.5959

 16.6872, 16.6993,
13.6064


149.6657,
153.7311, 146.2709

 10.1056, 10.0203,
7.7118

185.4623,
190.8169, 183.3029

 5.5319, 5.4124,
3.8260

226.5549,
233.4332, 226.1106

 2.6005, 2.4912,
1.5304

273.3088,

 0.9462, 0.8722,

281.9646, 275.1125

0.2404

326.0893,
336.7954, 330.7270

■ 0.0000, 0.0000,
0.0000

■ 52.1321, 53.0065,
47.5280

■ 52.1321, 53.0065,
47.5280

■ 47.7878, 47.3285,
36.7975

■ 57.0079, 59.2391,
60.0010

■ 43.9509, 42.1819,
27.7275

■ 62.4294, 66.0343,
74.2868

■ 40.6019, 37.5524,
20.2344

■ 68.4156, 73.4092,
90.4559

■ 37.7181, 33.4220,
14.2257

■ 74.5616, 81.2091,
106.3529

■ 35.2747, 29.7717,
9.5994

■ 78.1301, 88.3463,
107.5424

■ 33.2443, 26.5809,
6.2402

■ 80.1047, 92.2954,
108.2006

■ 31.5954, 23.8271,
4.0138

■ 30.2887, 21.4837,
2.7457

■ 29.9169, 20.7997,
2.4380

Harmonies

Analogous

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



53.8519, 53.0065, 51.0677



52.1321, 53.0065, 47.5280



49.9865, 53.0065, 46.6333

Triad

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



52.1321, 53.0065, 47.5280



46.3464, 53.0065, 58.8555



52.8363, 53.0065, 67.9911

Complementary

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



52.1321, 53.0065, 47.5280



48.2557, 52.1846, 67.8514

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.



50.7777, 53.0065, 70.4265



52.1321, 53.0065, 47.5280



47.0627, 53.0065, 64.9156

Square

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



52.1321, 53.0065, 47.5280



46.6857, 53.0065, 52.8979



48.6697, 53.0065, 69.2627



54.2665, 53.0065, 62.8161

Rectangle

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



52.1321, 53.0065, 47.5280



48.6119, 53.0065, 47.5975



48.6697, 53.0065, 69.2627



52.1927, 53.0065, 69.1735

Sweetspot

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



52.1335, 53.0089, 47.5291



90.7847, 94.6460, 97.6850



51.2156, 47.7419, 57.8010



19.3072, 20.1010, 20.5839



0.0000, 0.0000, 0.0000



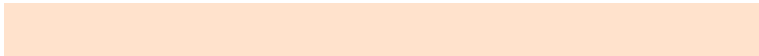
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.1335, 53.0089, 47.5291



79.2982, 79.9378, 68.3768



56.0264, 60.7946, 48.8267



12.2195, 12.6297, 12.4058



18.5393, 13.0116, 1.5344



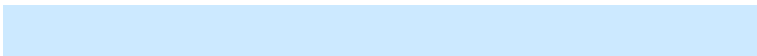
1.1146, 0.8836, 0.1118

Inverse Universe

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



48.2557, 52.1846, 67.8514



72.1296, 78.4128, 105.9413



44.6705, 45.0142, 66.6563



11.7163, 12.5228, 15.0433



11.2927, 11.2319, 38.7653



0.7093, 0.7839, 2.1935

Previews

White Background



This preview shows how the XYZ color 52.1321, 53.0065, 47.5280 looks on a white background.

Color Contrast Check

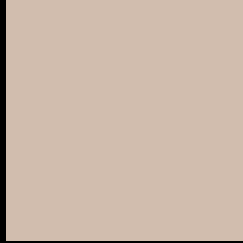
Large Text (above 18pt) WCAG AA × Fail

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 52.1321, 53.0065, 47.5280 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 52.1321, 53.0065, 47.5280

Background



This preview shows how black text looks on a background with the XYZ color 52.1321, 53.0065, 47.5280.



This preview shows how white text looks on a background with the XYZ color 52.1321, 53.0065,

47.5280.

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

52.1321, 53.0065, 47.5280

Protanopia

50.5055, 53.1132, 48.6642

Deuteranopia

54.2102, 53.1184, 47.9531



Tritanopia

54.9257, 52.8651, 61.9527

Trichromacy



Original Color

52.1321, 53.0065, 47.5280

Protanomaly

50.9973, 53.0533, 48.1099

Deuteranomaly

53.5325, 53.0829, 47.9820

Tritanomaly

53.8268, 52.7283, 56.6308

Monochromacy



Original Color

52.1321, 53.0065, 47.5280

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.2658, 53.3866, 54.0570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1321, 53.0065, 47.5280 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(209, 189, 174)` looks like.

```
.text, #text, p{  
    color:rgb(209, 189, 174)  
}
```

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(209, 189, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 189, 174) }
```

Border

The CSS property to change the border of an element to XYZ 52.1321, 53.0065, 47.5280 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(209, 189, 174) }
```


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

```
.border{ border-color:rgb(209, 189, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 189, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 189, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 189, 174);  
box-shadow:4px 4px 4px 4px rgb(209, 189,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1321, 53.0065, 47.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 189, 174) }
```

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

```
.background{ background-color: rgb(209,  
189, 174) }
```

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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