

Converting Colors

XYZ(53.0872, 51.6902, 43.7389)

Have a look what the booklet for
XYZ(53.0872, 51.6902, 43.7389)
contains.

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Color

**XYZ(53.1220, 51.7171,
43.7418)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB7A7
RGB	219, 183, 167
RGB Percent	86%, 72%, 65%
CMY	0.1412, 0.2823, 0.3451
CMYK	0.00, 0.16, 0.24, 0.14
HSL	18°, 42%, 76%
HSV	18°, 24%, 86%
XYZ	53.1220, 51.7171, 43.7418
YIQ	191.9400, 26.5920, 2.6560

Conversions

Conversions Part 2

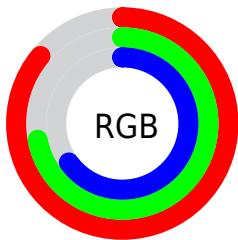
Format	Color
R_{YB}	219, 190, 167
Decimal	14399399
CIE _{Lab}	77.11, 10.52, 12.96
CIE _{LCh}	77, 16.693, 50.948
Yxy	51.7171, 0.3575, 0.3481
Android (android.graphics.Color)	4292589479 (0xFFDDBB7A7)
YUV	191.9400, -12.2954, 23.7316
Hunter-Lab	71.9146, 6.0041, 14.2773

Details

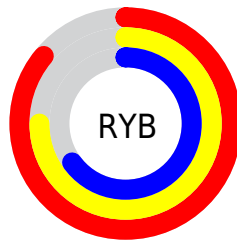
The XYZ color **53.1220, 51.7171, 43.7418** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **50.0780, 56.0404, 75.1957**, and the grayscale version is **50.1277, 52.7383, 57.4320**.

A 20% lighter version of the original color is **85.2913, 88.2669, 81.6491**, and **26.1814, 24.9896, 19.6632** is the 20% darker color. If you saturate the color by 10%, you get **48.3064, 45.0559, 32.9797**, and if you desaturate by 10%, it is **58.6201, 59.1938, 56.4240**.

Distribution



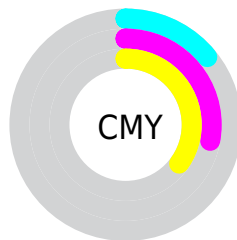
- Red (86%)
- Green (72%)
- Blue (65%)



- Red (86%)
- Yellow (75%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (14%)





- Cyan (14%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1220, 51.7171, 43.7418 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 53.1220, 51.7171, 43.7418 by changing the saturation by 10% instead.

 53.1220, 51.7171,
43.7418


 53.1220, 51.7171,
43.7418


389.0062,
393.3435, 377.6641

 38.1280, 36.7796,
30.1319

 93.9483, 92.7139,
82.1274

 26.2597, 25.0369,
19.6858


 120.5114,
119.5420, 107.7402

 17.1518, 16.1046,
11.9851


151.6616,
151.1024, 138.1909

 10.4387, 9.5982,
6.6111

187.7642,
187.7796, 173.8983

 5.7553, 5.1334,
3.1454

229.1846,
229.9579, 215.2807

 2.7361, 2.3257,
1.1693

276.2882,

 1.0158, 0.7873,

278.0217, 262.7568

0.0000

329.4403,
332.3554, 316.7451

■ 0.0000, 0.0000,
0.0000

■ 53.1220, 51.7171,
43.7418

■ 53.1220, 51.7171,
43.7418

■ 48.3064, 45.0559,
32.9797

■ 58.6201, 59.1938,
56.4240

■ 44.1412, 39.1751,
24.0401

■ 64.8227, 67.5055,
71.1110

■ 40.5980, 34.0470,
16.8214

■ 71.7559, 76.6802,
87.8863

■ 37.6441, 29.6398,
11.2109

■ 79.4433, 86.7422,
106.8277

■ 35.2439, 25.9191,
7.0821

■ 83.0236, 93.8002,
108.3372

■ 33.3572, 22.8475,
4.2892

■ 31.9368, 20.3830,
2.6560

■ 31.2448, 19.1225,
2.0442

Harmonies

Analogous

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



55.1091, 51.7171, 50.2616



53.1220, 51.7171, 43.7418



50.1269, 51.7171, 40.6843

Triad

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



53.1220, 51.7171, 43.7418



43.3438, 51.7171, 53.5923



51.3811, 51.7171, 74.3607

Complementary

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



53.1220, 51.7171, 43.7418



50.0780, 56.0404, 75.1957

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.



48.1968, 51.7171, 75.5006



53.1220, 51.7171, 43.7418



43.6470, 51.7171, 62.8276

Square

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



53.1220, 51.7171, 43.7418



44.5446, 51.7171, 45.9532



45.3916, 51.7171, 71.0835



54.0742, 51.7171, 68.1191

Rectangle

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



53.1220, 51.7171, 43.7418



47.9999, 51.7171, 40.7656



45.3916, 51.7171, 71.0835



50.3296, 51.7171, 75.3780

Sweetspot

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



53.1234, 51.7195, 43.7429



88.4921, 91.2714, 93.1888



53.8599, 47.0291, 62.9895



18.8250, 19.3808, 19.6709



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.



53.1234, 51.7195, 43.7429



71.8190, 68.6423, 54.5919



58.8914, 63.2555, 45.6655



13.3813, 13.7019, 13.6650



18.6121, 11.5098, 1.2406



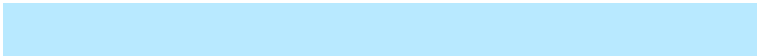
1.2810, 0.8960, 0.1054

Inverse Universe

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



50.0780, 56.0404, 75.1957



66.8674, 75.6529, 105.6859



44.5244, 44.9332, 73.3445



13.0891, 14.1180, 16.6873



14.3019, 16.4732, 42.1643



1.0016, 1.2173, 2.7566

Previews

White Background



This preview shows how the XYZ color 53.1220, 51.7171, 43.7418 looks on a white background.

Color Contrast Check

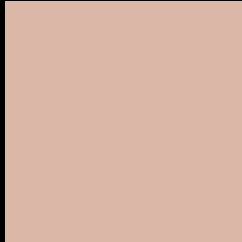
Large Text (above 18pt) WCAG AA × Fail

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 53.1220, 51.7171, 43.7418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

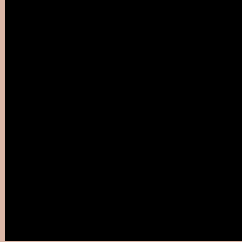
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1220, 51.7171, 43.7418

Background



This preview shows how black text looks on a background with the XYZ color 53.1220, 51.7171, 43.7418.



This preview shows how white text looks on a background with the XYZ color 53.1220, 51.7171,

43.7418.

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

53.1220, 51.7171, 43.7418

Protanopia

49.3173, 51.9093, 45.9483

Deuteranopia

53.0290, 51.9764, 43.7967



Tritanopia

55.8699, 51.6201, 57.4711

Trichromacy



Original Color

53.1220, 51.7171, 43.7418

Protanomaly

50.4796, 51.5647, 45.3226

Deuteranomaly

53.0290, 51.9764, 43.7967

Tritanomaly

54.7918, 51.4754, 52.3953

Monochromacy



Original Color

53.1220, 51.7171, 43.7418

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.1020, 52.3706, 52.2149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1220, 51.7171, 43.7418 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, 183, 167)` looks like.

```
.text, #text, p{  
    color:rgb(219, 183, 167)  
}
```

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, 183, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 183, 167) }
```

Border

The CSS property to change the border of an element to XYZ 53.1220, 51.7171, 43.7418 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, 183, 167) }
```


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

```
.border{ border-color:rgb(219, 183, 167) }
```

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

Here you see how a box with a 4 pixel rgb(219, 183, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 183, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 183, 167);  
box-shadow:4px 4px 4px 4px rgb(219, 183,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1220, 51.7171, 43.7418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 183, 167) }
```

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

```
.background{ background-color: rgb(219,  
183, 167) }
```

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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