

Converting Colors

XYZ(53.1624, 52.6592, 40.6608)

Have a look what the booklet for
XYZ(53.1624, 52.6592, 40.6608)
contains.

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Color

**XYZ(53.1175, 52.7159,
40.6333)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBAA0
RGB	219, 186, 160
RGB Percent	86%, 73%, 63%
CMY	0.1412, 0.2706, 0.3725
CMYK	0.00, 0.15, 0.27, 0.14
HSL	26°, 45%, 74%
HSV	26°, 27%, 86%
XYZ	53.1175, 52.7159, 40.6333
YIQ	192.9030, 28.0140, -1.0900

Conversions

Conversions Part 2

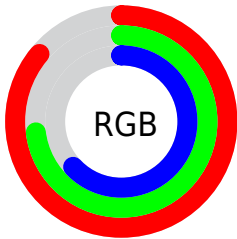
Format	Color
R _Y B	219, 206, 160
Decimal	14400160
CIE Lab	77.71, 7.94, 17.57
CIE LCh	78, 19.282, 65.689
Yxy	52.7159, 0.3627, 0.3599
Android (android.graphics.Color)	4292590240 (0xFFDDBBAA0)
YUV	192.9030, -16.2212, 22.8871
Hunter-Lab	72.6057, 3.5285, 17.6428

Details

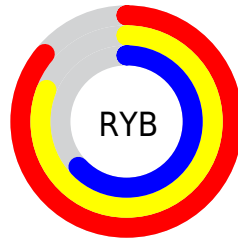
The XYZ color **53.1175, 52.7159, 40.6333** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.3530, 50.7267, 74.3663**, and the grayscale version is **50.7135, 53.3545, 58.1031**.

A 20% lighter version of the original color is **85.2579, 89.6706, 77.1046**, and **26.1986, 25.6443, 17.7564** is the 20% darker color. If you saturate the color by 10%, you get **48.8976, 47.0766, 30.5928**, and if you desaturate by 10%, it is **57.8988, 58.9374, 52.5271**.

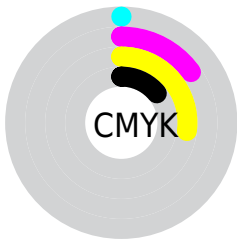
Distribution



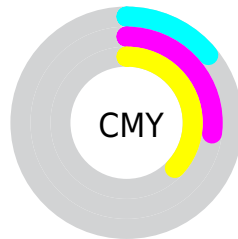
- Red (86%)
- Green (73%)
- Blue (63%)



- Red (86%)
- Yellow (81%)
- Blue (63%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1175, 52.7159, 40.6333 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 53.1175, 52.7159, 40.6333 by changing the saturation by 10% instead.


 53.1175, 52.7159,
40.6333


 53.1175, 52.7159,
40.6333


388.9892,
397.1942, 364.4168

 38.1244, 37.5760,
27.7151

 93.9418, 94.1862,
77.3745

 26.2569, 25.6538,
17.8739


 120.5037,
121.2854, 102.0347

 17.1496, 16.5648,
10.6910

151.6525,
153.1398, 131.4459

 10.4372, 9.9247,
5.7479

187.7538,
190.1339, 166.0267

 5.7543, 5.3491,
2.6261

229.1727,
232.6519, 206.1956

 2.7355, 2.4535,
0.9059

276.2747,

 1.0155, 0.8532,

281.0784, 252.3713

0.0000

329.4251,
335.7977, 304.9722

■ 0.0000, 0.0000,
0.0000

■ 53.1175, 52.7159,
40.6333

■ 53.1175, 52.7159,
40.6333

■ 48.8976, 47.0766,
30.5928

■ 57.8988, 58.9374,
52.5271

■ 45.2119, 41.9942,
22.3073

■ 63.2592, 65.7510,
66.3592

■ 42.0365, 37.4518,
15.6741

■ 69.2205, 73.1756,
82.2131

■ 39.3442, 33.4288,
10.5785

■ 75.8022, 81.2270,
100.1665

■ 37.1044, 29.9032,
6.8909

■ 80.5988, 88.9506,
107.5289

■ 35.2821, 26.8503,
4.4598

■ 83.0236, 93.8001,
108.3372

■ 33.8336, 24.2415,
3.0883

■ 33.4444, 23.5219,
2.7775

Harmonies

Analogous

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



56.1619, 52.7159, 46.2250



53.1175, 52.7159, 40.6333



49.3969, 52.7159, 39.2815

Triad

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



53.1175, 52.7159, 40.6333



43.2983, 52.7159, 59.4600



54.4088, 52.7159, 75.7601

Complementary

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



53.1175, 52.7159, 40.6333



46.3530, 50.7267, 74.3663

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.



50.8196, 52.7159, 80.3729



53.1175, 52.7159, 40.6333



44.4998, 52.7159, 70.2418

Square

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



53.1175, 52.7159, 40.6333



43.8458, 52.7159, 49.3470



47.2084, 52.7159, 78.2379



56.9329, 52.7159, 66.2817

Rectangle

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



53.1175, 52.7159, 40.6333



47.0582, 52.7159, 40.7994



47.2084, 52.7159, 78.2379



53.2803, 52.7159, 77.9814

Sweetspot

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



53.1189, 52.7183, 40.6344



88.4055, 91.6907, 91.3332



51.4588, 44.0720, 56.5010



18.6682, 19.3046, 18.8866



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.



53.1189, 52.7183, 40.6344



71.7118, 70.0730, 49.4842



59.8764, 66.2334, 42.8869



13.5260, 13.9913, 13.7133



19.9361, 14.1577, 1.6820



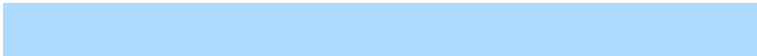
1.3765, 1.0870, 0.1373

Inverse Universe

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



46.3530, 50.7267, 74.3663



60.7128, 66.8311, 104.3075



40.5475, 39.1158, 72.4312



12.9397, 13.8191, 16.6375



11.8539, 11.5772, 41.3483



0.8533, 0.9207, 2.7072

Previews

White Background



This preview shows how the XYZ color 53.1175, 52.7159, 40.6333 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 53.1175, 52.7159, 40.6333 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 53.1175, 52.7159, 40.6333

Background



This preview shows how black text looks on a background with the XYZ color 53.1175, 52.7159, 40.6333.



This preview shows how white text looks on a background with the XYZ color 53.1175, 52.7159,

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

53.1175, 52.7159, 40.6333

Protanopia

49.8176, 52.9002, 42.2354

Deuteranopia

53.8183, 52.7656, 40.6060



Tritanopia

56.8056, 52.6759, 58.8032

Trichromacy



Original Color

53.1175, 52.7159, 40.6333

Protanomaly

50.9475, 52.8454, 41.6974

Deuteranomaly

53.5129, 52.6081, 40.5917

Tritanomaly

55.5012, 52.7740, 51.5171

Monochromacy



Original Color

53.1175, 52.7159, 40.6333

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.1111, 52.7197, 51.1981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1175, 52.7159, 40.6333 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, 186, 160)` looks like.

```
.text, #text, p{  
    color:rgb(219, 186, 160)  
}
```

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, 186, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 186, 160) }
```

Border

The CSS property to change the border of an element to XYZ 53.1175, 52.7159, 40.6333 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, 186, 160) }
```


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

```
.border{ border-color:rgb(219, 186, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 186, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 186, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 186, 160);  
box-shadow:4px 4px 4px 4px rgb(219, 186,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1175, 52.7159, 40.6333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 186, 160) }
```

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

```
.background{ background-color: rgb(219,  
186, 160) }
```

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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