

Converting Colors

XYZ(53.1308, 52.1218, 39.6080)

Have a look what the booklet for
XYZ(53.1308, 52.1218, 39.6080)
contains.

XYZ(53.1308, 52.1218, 39.6080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.1308, 52.1218,
39.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB89E
RGB	221, 184, 158
RGB Percent	87%, 72%, 62%
CMY	0.1333, 0.2784, 0.3804
CMYK	0.00, 0.17, 0.29, 0.13
HSL	25°, 48%, 74%
HSV	25°, 29%, 87%
XYZ	53.1308, 52.1218, 39.6080
YIQ	192.0990, 30.3980, -0.2420

Conversions

Conversions Part 2

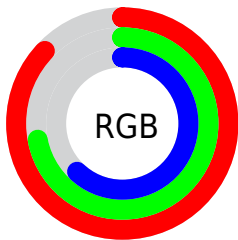
Format	Color
R _Y B	221, 202, 158
Decimal	14530718
CIE Lab	77.35, 9.50, 18.18
CIE LCh	77, 20.514, 62.427
Yxy	52.1218, 0.3668, 0.3598
Android (android.graphics.Color)	4292720798 (0xFFDDB89E)
YUV	192.0990, -16.8108, 25.3462
Hunter-Lab	72.1954, 5.0215, 18.0090

Details

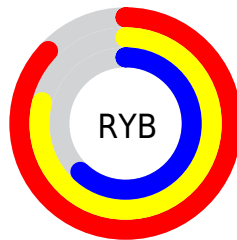
The XYZ color **53.1308, 52.1218, 39.6080** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.6662, 51.5180, 75.8910**, and the grayscale version is **50.2446, 52.8612, 57.5658**.

A 20% lighter version of the original color is **84.4103, 88.3843, 75.5618**, and **26.2872, 25.2935, 17.4066** is the 20% darker color. If you saturate the color by 10%, you get **48.8239, 46.2834, 29.6162**, and if you desaturate by 10%, it is **58.0298, 58.5966, 51.4861**.

Distribution



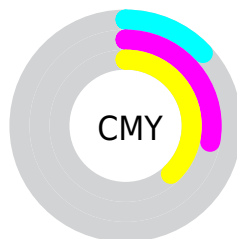
- Red (87%)
- Green (72%)
- Blue (62%)



- Red (87%)
- Yellow (79%)
- Blue (62%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (13%)





- Cyan (13%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1308, 52.1218, 39.6080 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 53.1308, 52.1218, 39.6080 by changing the saturation by 10% instead.


 53.1308, 52.1218,
39.6080


 53.1308, 52.1218,
39.6080


389.0394,
394.9066, 359.9714

 38.1351, 37.1022,
26.9216

 93.9612, 93.3108,
75.7968

 26.2652, 25.2866,
17.2824


 120.5266,
120.2490, 100.1362

 17.1559, 16.2907,
10.2720

151.6793,
151.9289, 129.1970

 10.4417, 9.7301,
5.4717

187.7846,
188.7348, 163.3978

 5.7573, 5.2204,
2.4631

229.2079,
231.0511, 203.1571

 2.7373, 2.3771,
0.8205

276.3146,

 1.0164, 0.8141,

279.2623, 248.8935

0.0000

329.4700,
333.7526, 301.0254

■ 0.0000, 0.0000,
0.0000

■ 53.1308, 52.1218,
39.6080

■ 53.1308, 52.1218,
39.6080

■ 48.8239, 46.2834,
29.6162

■ 58.0298, 58.5966,
51.4861

■ 45.0802, 41.0535,
21.4086

■ 63.5403, 65.7199,
65.3386

■ 41.8741, 36.4127,
14.8783

■ 69.6856, 73.5130,
81.2522

■ 39.1759, 32.3377,
9.9056

■ 76.4864, 81.9934,
99.3073

■ 36.9529, 28.8031,
6.3546

■ 81.7117, 90.2780,
107.7265

■ 35.1671, 25.7810,
4.0653

■ 83.6288, 94.1121,
108.3655

■ 33.7655, 23.2366,
2.8003

■ 33.5790, 22.8926,
2.6489

Harmonies

Analogous

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



56.2148, 52.1218, 45.8930



53.1308, 52.1218, 39.6080



49.2200, 52.1218, 37.7151

Triad

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



53.1308, 52.1218, 39.6080



42.3491, 52.1218, 57.6757



53.7152, 52.1218, 77.1091

Complementary

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



53.1308, 52.1218, 39.6080



46.6662, 51.5180, 75.8910

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.



49.8618, 52.1218, 81.3099



53.1308, 52.1218, 39.6080



43.4160, 52.1218, 69.2011

Square

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



53.1308, 52.1218, 39.6080



43.1228, 52.1218, 47.2884



46.1151, 52.1218, 78.2418



56.5646, 52.1218, 67.4003

Rectangle

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



53.1308, 52.1218, 39.6080



46.7054, 52.1218, 38.9637



46.1151, 52.1218, 78.2418



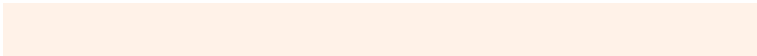
52.4874, 52.1218, 79.2662

Sweetspot

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



53.1322, 52.1242, 39.6091



87.4230, 90.3098, 89.2050



51.9870, 43.8029, 57.8204



18.4628, 19.0101, 18.4596



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.



53.1322, 52.1242, 39.6091



69.9496, 67.3258, 46.5009



60.2146, 66.2891, 41.9699



13.4953, 13.9300, 13.7031



19.6122, 13.5099, 1.5740



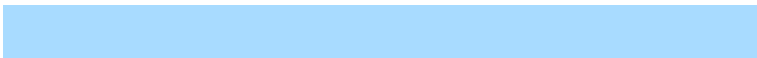
1.3542, 1.0425, 0.1298

Inverse Universe

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



46.6662, 51.5180, 75.8910



59.6494, 66.3517, 104.2710



40.4815, 39.1487, 73.8294



12.9709, 13.8815, 16.6479



12.3158, 12.5010, 41.5022



0.8820, 0.9782, 2.7168

Previews

White Background



This preview shows how the XYZ color 53.1308, 52.1218, 39.6080 looks on a white background.

Color Contrast Check

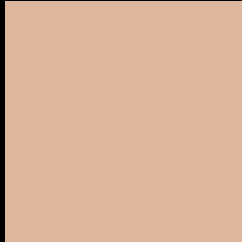
Large Text (above 18pt) WCAG AA × Fail

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 53.1308, 52.1218, 39.6080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

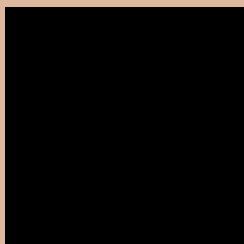
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1308, 52.1218, 39.6080

Background



This preview shows how black text looks on a background with the XYZ color 53.1308, 52.1218, 39.6080.



This preview shows how white text looks on a background with the XYZ color 53.1308, 52.1218,

39.6080.

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

53.1308, 52.1218, 39.6080

Protanopia

49.1512, 52.2523, 41.2134

Deuteranopia

53.1308, 52.1218, 39.6080



Tritanopia

56.7971, 52.0980, 57.5145

Trichromacy



Original Color

53.1308, 52.1218, 39.6080

Protanomaly

50.3408, 51.9144, 40.6249

Deuteranomaly

53.1308, 52.1218, 39.6080

Tritanomaly

55.5026, 52.1903, 50.3285

Monochromacy



Original Color

53.1308, 52.1218, 39.6080

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.0644, 52.3870, 50.6003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1308, 52.1218, 39.6080 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, 184, 158)` looks like.

```
.text, #text, p{  
    color:rgb(221, 184, 158)  
}
```

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, 184, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 184, 158) }
```

Border

The CSS property to change the border of an element to XYZ 53.1308, 52.1218, 39.6080 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, 184, 158) }
```


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

```
.border{ border-color:rgb(221, 184, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 184, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 184, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 184, 158);  
box-shadow:4px 4px 4px 4px rgb(221, 184,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1308, 52.1218, 39.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 184, 158) }
```

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

```
.background{ background-color: rgb(221,  
184, 158) }
```

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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