

Converting Colors

XYZ(53.1603, 52.4405, 48.3951)

Have a look what the booklet for
XYZ(53.1603, 52.4405, 48.3951)
contains.

XYZ(53.1269, 52.5485, 48.4171)	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(53.1269, 52.5485,
48.4171)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BAB0
RGB	214, 186, 176
RGB Percent	84%, 73%, 69%
CMY	0.1608, 0.2706, 0.3098
CMYK	0.00, 0.13, 0.18, 0.16
HSL	16°, 32%, 76%
HSV	16°, 18%, 84%
XYZ	53.1269, 52.5485, 48.4171
YIQ	193.2320, 19.8980, 2.8260

Conversions

Conversions Part 2

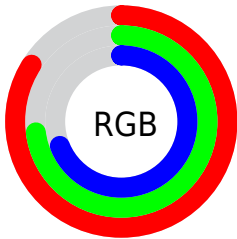
Format	Color
R_{YB}	214, 190, 176
Decimal	14072496
CIE _{Lab}	77.61, 8.39, 8.74
CIE _{LCh}	78, 12.114, 46.163
Yxy	52.5485, 0.3448, 0.3410
Android (android.graphics.Color)	4292262576 (0xFFD6BAB0)
YUV	193.2320, -8.4954, 18.2135
Hunter-Lab	72.4903, 3.9614, 11.1428

Details

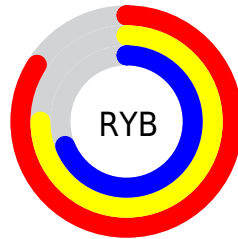
The XYZ color **53.1269, 52.5485, 48.4171** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6346, 57.2696, 71.9514**, and the grayscale version is **50.8664, 53.5154, 58.2783**.

A 20% lighter version of the original color is **87.5576, 90.5905, 89.2149**, and **26.3237, 25.6012, 22.6229** is the 20% darker color. If you saturate the color by 10%, you get **48.0342, 45.4885, 37.0836**, and if you desaturate by 10%, it is **58.9228, 60.4797, 61.6330**.

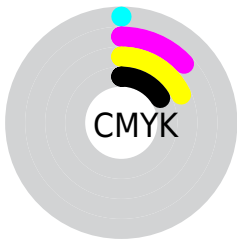
Distribution



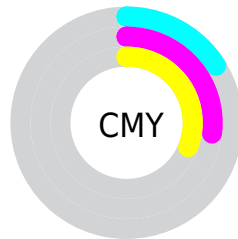
- Red (84%)
- Green (73%)
- Blue (69%)



- Red (84%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1269, 52.5485, 48.4171 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 53.1269, 52.5485, 48.4171 by changing the saturation by 10% instead.


 53.1269, 52.5485,
48.4171

 53.1269, 52.5485,
48.4171


389.0247,
396.5505, 396.9993

 38.1320, 37.4425,
33.7950


 93.9555, 93.9397,
89.1971

 26.2628, 25.5503,
22.4601


120.5199,
120.9936, 116.1921

 17.1541, 16.4875,
13.9938


151.6715,
152.7989, 148.1484

 10.4404, 9.8698,
7.9776

187.7756,
189.7400, 185.4846

 5.7564, 5.3127,
3.9931

229.1976,
232.2013, 228.6193

 2.7368, 2.4319,
1.6215

276.3029,

 1.0161, 0.8422,

280.5673, 277.9709

0.3061

329.4568,
335.2222, 333.9581

■ 0.0000, 0.0000,
0.0000

■ 53.1269, 52.5485,
48.4171

■ 53.1269, 52.5485,
48.4171

■ 48.0342, 45.4885,
37.0836

■ 58.9228, 60.4797,
61.6330

■ 43.6131, 39.2628,
27.5431

■ 65.4434, 69.3036,
76.8086

■ 39.8355, 33.8420,
19.7039

■ 72.7149, 79.0495,
94.0208

■ 36.6699, 29.1924,
13.4646

■ 79.6791, 89.3109,
107.6469

■ 34.0818, 25.2776,
8.7132

■ 81.5417, 93.0362,
108.2678

■ 32.0331, 22.0584,
5.3227

■ 30.4802, 19.4913,
3.1448

■ 29.3674, 17.5254,
1.9728

■ 29.1623, 17.1575,
1.7747

Harmonies

Analogous

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



54.3925, 52.5485, 53.7043



53.1269, 52.5485, 48.4171



51.0295, 52.5485, 45.5959

Triad

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



53.1269, 52.5485, 48.4171



45.7037, 52.5485, 54.1899



51.2086, 52.5485, 70.5048

Complementary

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



53.1269, 52.5485, 48.4171



51.6346, 57.2696, 71.9514

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.



48.8775, 52.5485, 70.6604



53.1269, 52.5485, 48.4171



45.7483, 52.5485, 60.8783

Square

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



53.1269, 52.5485, 48.4171



46.7706, 52.5485, 48.7486



46.8942, 52.5485, 67.0220



53.2615, 52.5485, 66.6120

Rectangle

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



53.1269, 52.5485, 48.4171



49.4644, 52.5485, 45.3390



46.8942, 52.5485, 67.0220



50.4303, 52.5485, 71.0057

Sweetspot

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



53.1283, 52.5509, 48.4182



90.1408, 93.3583, 97.4704



54.2166, 49.7312, 64.1837



19.1510, 19.7886, 20.5318



0.0000, 0.0000, 0.0000



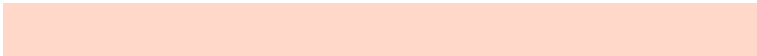
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1283, 52.5509, 48.4182



76.2758, 74.3785, 65.8726



57.2804, 60.8550, 49.8022



12.6865, 12.9472, 12.9911



17.6995, 10.5162, 1.0970



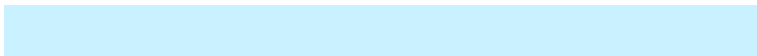
1.1355, 0.7701, 0.0888

Inverse Universe

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



51.6346, 57.2696, 71.9514



73.6849, 82.5527, 106.6584



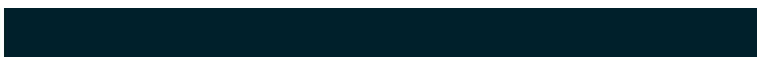
47.4965, 48.9934, 70.5720



12.5027, 13.5288, 15.8899



14.7808, 17.8235, 41.1144



0.9573, 1.2067, 2.5018

Previews

White Background



This preview shows how the XYZ color 53.1269, 52.5485, 48.4171 looks on a white background.

Color Contrast Check

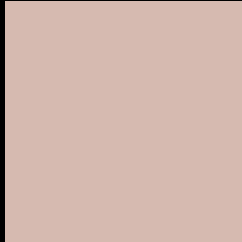
Large Text (above 18pt) WCAG AA × Fail

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 53.1269, 52.5485, 48.4171 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 53.1269, 52.5485, 48.4171

Background



This preview shows how black text looks on a background with the XYZ color 53.1269, 52.5485, 48.4171.



This preview shows how white text looks on a background with the XYZ color 53.1269, 52.5485,

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

53.1269, 52.5485, 48.4171

Protanopia

50.0562, 52.5220, 50.1473

Deuteranopia

53.5043, 52.4314, 48.3746



Tritanopia

55.6268, 52.6499, 60.0539

Trichromacy



Original Color

53.1269, 52.5485, 48.4171

Protanomaly

51.1353, 52.4469, 49.5476

Deuteranomaly

53.2098, 52.2796, 48.3608

Tritanomaly

54.6447, 52.5540, 55.4080

Monochromacy



Original Color

53.1269, 52.5485, 48.4171

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.4705, 52.8323, 54.4986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1269, 52.5485, 48.4171 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(214, 186, 176)` looks like.

```
.text, #text, p{  
    color:rgb(214, 186, 176)  
}
```

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(214, 186, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 186, 176) }
```

Border

The CSS property to change the border of an element to XYZ 53.1269, 52.5485, 48.4171 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(214, 186, 176) }
```


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

```
.border{ border-color:rgb(214, 186, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 186, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 186, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 186, 176);  
box-shadow:4px 4px 4px 4px rgb(214, 186,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1269, 52.5485, 48.4171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 186, 176) }
```

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

```
.background{ background-color: rgb(214,  
186, 176) }
```

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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