

Converting Colors

XYZ(52.3073, 53.4342, 50.9526)

Have a look what the booklet for
XYZ(52.3073, 53.4342, 50.9526)
contains.

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Color

**XYZ(52.1053, 53.2440,
50.7109)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBEB4
RGB	206, 190, 180
RGB Percent	81%, 75%, 71%
CMY	0.1922, 0.2549, 0.2941
CMYK	0.00, 0.08, 0.13, 0.19
HSL	23°, 21%, 76%
HSV	23°, 13%, 81%
XYZ	52.1053, 53.2440, 50.7109
YIQ	193.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

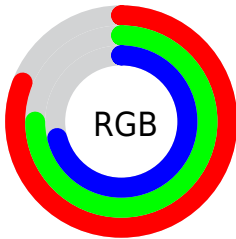
Format	Color
R_{YB}	206, 196, 180
Decimal	13549236
CIE _{Lab}	78.02, 3.96, 7.07
CIE _{LCh}	78, 8.107, 60.751
Yxy	53.2440, 0.3339, 0.3412
Android (android.graphics.Color)	4291739316 (0xFFCEBEB4)
YUV	193.6440, -6.7265, 10.8362
Hunter-Lab	72.9685, -0.2317, 9.8732

Details

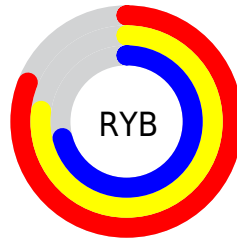
The XYZ color **52.1053, 53.2440, 50.7109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7028, 53.6384, 66.1268**, and the grayscale version is **51.1022, 53.7635, 58.5485**.

A 20% lighter version of the original color is **89.3361, 93.2277, 92.6431**, and **25.7253, 26.0990, 23.7604** is the 20% darker color. If you saturate the color by 10%, you get **47.5344, 47.2143, 39.5917**, and if you desaturate by 10%, it is **57.2299, 59.8807, 63.5547**.

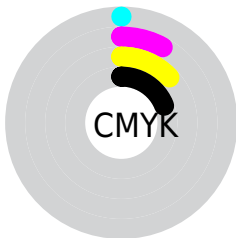
Distribution



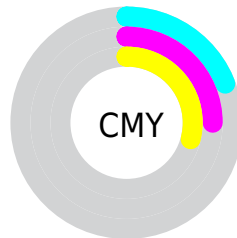
- Red (81%)
- Green (75%)
- Blue (71%)



- Red (81%)
- Yellow (77%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (19%)



- Cyan (19%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1053, 53.2440, 50.7109 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 52.1053, 53.2440, 50.7109 by changing the saturation by 10% instead.

■ 52.1053, 53.2440,
50.7109

■ 52.1053, 53.2440,
50.7109

385.1603,
399.2205, 406.2540

■ 37.3136, 37.9976,
35.6035

■ 92.4598, 94.9633,
92.6344

■ 25.6252, 25.9808,
23.8408

118.7534,
122.2050, 120.2876

■ 16.6747, 16.8093,
15.0045

149.6116,
154.2139, 152.9597

■ 10.0967, 10.0986,
8.6759

185.3999,
191.3744, 191.0693

■ 5.5259, 5.4644,
4.4365

226.4835,
234.0710, 235.0350

■ 2.5969, 2.5222,
1.8677

273.2279,

■ 0.9444, 0.8877,

282.6879, 285.2754

0.4721

325.9984,
337.6096, 342.2088

■ 0.0000, 0.0000,
0.0000

■ 52.1053, 53.2440,
50.7109

■ 52.1053, 53.2440,
50.7109

■ 47.5344, 47.2143,
39.5917

■ 57.2299, 59.8807,
63.5547

■ 43.4929, 41.7669,
30.1195

■ 62.9223, 67.1340,
78.1893

■ 39.9613, 36.8856,
22.2157

■ 69.2020, 75.0226,
94.6818

■ 36.9171, 32.5511,
15.7940

■ 74.8708, 83.0757,
106.6969

■ 34.3357, 28.7424,
10.7595

■ 78.7477, 90.8296,
107.9892

■ 32.1904, 25.4372,
7.0062

■ 79.2639, 91.8619,
108.1612

■ 30.4508, 22.6112,
4.4126

■ 29.0818, 20.2375,
2.8329

■ 28.2687, 18.7516,
2.1295

Harmonies

Analogous

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



53.2620, 53.2440, 53.6390



52.1053, 53.2440, 50.7109



50.5670, 53.2440, 49.7041

Triad

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



52.1053, 53.2440, 50.7109



47.6303, 53.2440, 58.0878



52.1757, 53.2440, 65.7746

Complementary

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



52.1053, 53.2440, 50.7109



49.7028, 53.6384, 66.1268

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.



50.6467, 53.2440, 67.1131



52.1053, 53.2440, 50.7109



48.0414, 53.2440, 62.5358

Square

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



52.1053, 53.2440, 50.7109



48.0029, 53.2440, 53.8268



49.1374, 53.2440, 65.8987



53.3032, 53.2440, 62.3282

Rectangle

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



52.1053, 53.2440, 50.7109



49.5383, 53.2440, 50.2144



49.1374, 53.2440, 65.8987



51.6906, 53.2440, 66.4937

Sweetspot

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



52.1068, 53.2464, 50.7120



91.4815, 95.4216, 99.8228



51.7431, 49.7521, 59.1211



19.4408, 20.2438, 21.0122



0.0000, 0.0000, 0.0000



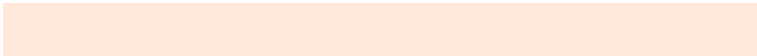
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1068, 53.2464, 50.7120



82.4387, 83.6704, 77.2803



55.0405, 59.1139, 51.6900



11.5603, 11.9096, 11.7689



17.4942, 11.7213, 1.3404



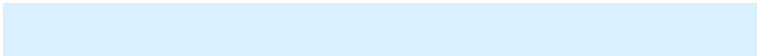
0.9754, 0.7505, 0.0935

Inverse Universe

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



49.7028, 53.6384, 66.1268



77.8345, 84.4204, 106.8002



46.9041, 48.0410, 65.1939



11.1667, 11.9738, 14.2930



11.6091, 12.2421, 37.7074



0.6710, 0.7757, 1.9693

Previews

White Background



This preview shows how the XYZ color 52.1053, 53.2440, 50.7109 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 52.1053, 53.2440, 50.7109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

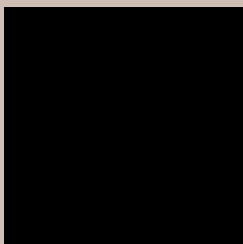
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

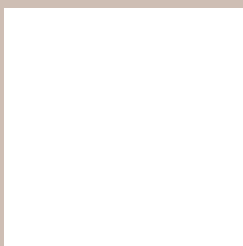
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1053, 53.2440, 50.7109

Background



This preview shows how black text looks on a background with the XYZ color 52.1053, 53.2440, 50.7109.



This preview shows how white text looks on a background with the XYZ color 52.1053, 53.2440,

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

52.1053, 53.2440, 50.7109

Protanopia

50.7433, 53.1776, 51.3059

Deuteranopia

54.2183, 53.0529, 51.0987



Tritanopia

54.6074, 53.3130, 62.6707

Trichromacy



Original Color

52.1053, 53.2440, 50.7109

Protanomaly

51.3284, 53.1544, 51.2706

Deuteranomaly

53.2622, 52.8739, 51.1145

Tritanomaly

53.6213, 53.2266, 57.8997

Monochromacy



Original Color

52.1053, 53.2440, 50.7109

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.5440, 53.8198, 55.8157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1053, 53.2440, 50.7109 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(206, 190, 180)` looks like.

```
.text, #text, p{  
    color:rgb(206, 190, 180)  
}
```

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(206, 190, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 190, 180) }
```

Border

The CSS property to change the border of an element to XYZ 52.1053, 53.2440, 50.7109 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(206, 190, 180) }
```


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

```
.border{ border-color:rgb(206, 190, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 190, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 190, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 190, 180);  
box-shadow:4px 4px 4px 4px rgb(206, 190,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1053, 53.2440, 50.7109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 190, 180) }
```

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

```
.background{ background-color: rgb(206,  
190, 180) }
```

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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