

Converting Colors

XYZ(52.0959, 53.1292, 52.5318)

Have a look what the booklet for
XYZ(52.0959, 53.1292, 52.5318)
contains.

XYZ(52.1375, 53.2249, 52.3252)	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(52.1375, 53.2249,
52.3252)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBEB7
RGB	205, 190, 183
RGB Percent	80%, 75%, 72%
CMY	0.1961, 0.2549, 0.2823
CMYK	0.00, 0.07, 0.11, 0.20
HSL	19°, 18%, 76%
HSV	19°, 11%, 80%
XYZ	52.1375, 53.2249, 52.3252
YIQ	193.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

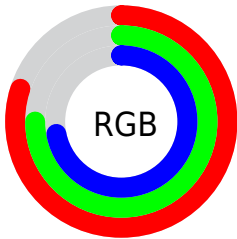
Format	Color
R_{YB}	205, 193, 183
Decimal	13483703
CIE _{Lab}	78.01, 4.09, 5.43
CIE _{LCh}	78, 6.797, 52.967
Yxy	53.2249, 0.3306, 0.3375
Android (android.graphics.Color)	4291673783 (0xFFCDBEB7)
YUV	193.6870, -5.2687, 9.9215
Hunter-Lab	72.9554, -0.1071, 8.5447

Details

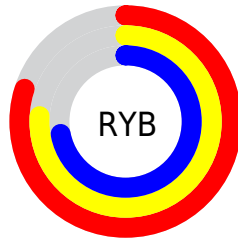
The XYZ color **52.1375, 53.2249, 52.3252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7418, 54.8622, 65.6732**, and the grayscale version is **51.1199, 53.7821, 58.5687**.

A 20% lighter version of the original color is **89.7758, 93.4035, 94.9583**, and **25.7374, 26.0823, 24.7970** is the 20% darker color. If you saturate the color by 10%, you get **47.2747, 46.6686, 40.9328**, and if you desaturate by 10%, it is **57.6042, 60.4906, 65.4535**.

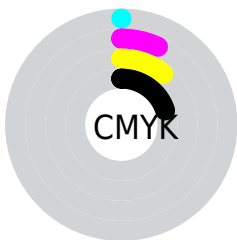
Distribution



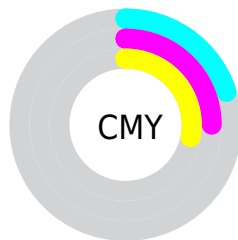
- Red (80%)
- Green (75%)
- Blue (72%)



- Red (80%)
- Yellow (76%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (20%)





- Cyan (20%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1375, 53.2249, 52.3252 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 52.1375, 53.2249, 52.3252 by changing the saturation by 10% instead.


 52.1375, 53.2249,
52.3252

 52.1375, 53.2249,
52.3252

385.2825,
399.1474, 412.6834

 37.3394, 37.9823,
36.8803


 92.5070, 94.9352,
95.0421

 25.6453, 25.9690,
24.8198


118.8091,
122.1718, 123.1513

 16.6897, 16.8004,
15.7250


149.6767,
154.1751, 156.3189

 10.1075, 10.0923,
9.1776

185.4749,
191.3296, 194.9635

 5.5331, 5.4602,
4.7588

226.5693,
234.0197, 239.5038

 2.6012, 2.5197,
2.0502

273.3251,

 0.9466, 0.8865,

282.6298, 290.3582

0.5859

326.1077,
337.5442, 347.9452

■ 0.0000, 0.0000,
0.0000

■ 52.1375, 53.2249,
52.3252

■ 52.1375, 53.2249,
52.3252

■ 47.2747, 46.6686,
40.9328

■ 57.6042, 60.4906,
65.4535

■ 42.9901, 40.7931,
31.1997

■ 63.6909, 68.4794,
80.3830

■ 39.2621, 35.5780,
23.0486

■ 70.4184, 77.2133,
97.1800

■ 36.0663, 30.9993,
16.3947

■ 76.1525, 86.0502,
107.2034

■ 33.3764, 27.0315,
11.1453

■ 78.9871, 91.7193,
108.1483

■ 31.1634, 23.6470,
7.1969

■ 29.3951, 20.8160,
4.4318

■ 28.0342, 18.5055,
2.7105

■ 27.0825, 16.7900,
1.8134

Harmonies

Analogous

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



52.9691, 53.2249, 55.1542



52.1375, 53.2249, 52.3252



50.9010, 53.2249, 51.0137

Triad

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



52.1375, 53.2249, 52.3252



48.1038, 53.2249, 57.0647



51.5886, 53.2249, 64.9285

Complementary

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



52.1375, 53.2249, 52.3252



50.7418, 54.8622, 65.6732

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.



50.2776, 53.2249, 65.4944



52.1375, 53.2249, 52.3252



48.2807, 53.2249, 60.8446

Square

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



52.1375, 53.2249, 52.3252



48.5835, 53.2249, 53.6716



49.0708, 53.2249, 63.9702



52.6483, 53.2249, 62.4559

Rectangle

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



52.1375, 53.2249, 52.3252



50.0196, 53.2249, 51.1342



49.0708, 53.2249, 63.9702



51.1621, 53.2249, 65.3523

Sweetspot

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



52.1390, 53.2272, 52.3263



92.2015, 96.2349, 101.9948



52.3078, 50.9256, 60.5195



19.5754, 20.3868, 21.4459



0.0000, 0.0000, 0.0000



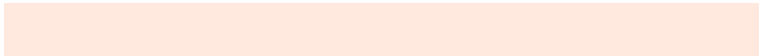
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1390, 53.2272, 52.3263



83.3750, 84.4665, 80.9112



54.6035, 58.1564, 53.1479



11.4990, 11.7869, 11.7485



16.9360, 10.6050, 1.1543



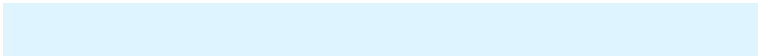
0.9422, 0.6841, 0.0824

Inverse Universe

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



50.7418, 54.8622, 65.6732



80.6135, 87.6964, 107.2861



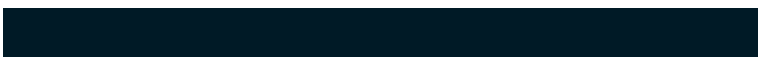
48.3260, 50.0306, 64.8680



11.2304, 12.1012, 14.3142



12.7633, 14.5505, 38.0921



0.7249, 0.8836, 1.9873

Previews

White Background



This preview shows how the XYZ color 52.1375, 53.2249, 52.3252 looks on a white background.

Color Contrast Check

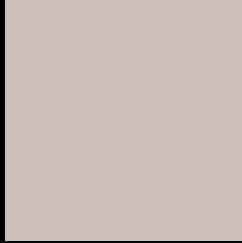
Large Text (above 18pt) WCAG AA × Fail

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 52.1375, 53.2249, 52.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

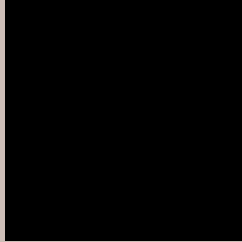
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

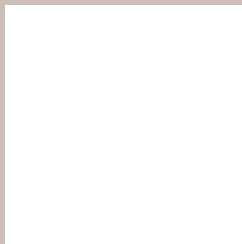
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1375, 53.2249, 52.3252

Background



This preview shows how black text looks on a background with the XYZ color 52.1375, 53.2249, 52.3252.



This preview shows how white text looks on a background with the XYZ color 52.1375, 53.2249,

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

52.1375, 53.2249, 52.3252

Protanopia

50.7901, 53.1657, 52.9325

Deuteranopia

54.2350, 53.0256, 52.7239



Tritanopia

54.4434, 53.2148, 63.2791

Trichromacy



Original Color

52.1375, 53.2249, 52.3252

Protanomaly

51.3699, 53.1398, 52.8969

Deuteranomaly

53.2860, 52.8502, 52.7400

Tritanomaly

53.5657, 53.1720, 59.0698

Monochromacy



Original Color

52.1375, 53.2249, 52.3252

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.6529, 53.8634, 56.3895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1375, 53.2249, 52.3252 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(205, 190, 183)` looks like.

```
.text, #text, p{  
    color:rgb(205, 190, 183)  
}
```

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(205, 190, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 190, 183) }
```

Border

The CSS property to change the border of an element to XYZ 52.1375, 53.2249, 52.3252 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(205, 190, 183) }
```


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

```
.border{ border-color:rgb(205, 190, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 190, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 190, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 190, 183);  
box-shadow:4px 4px 4px 4px rgb(205, 190,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1375, 53.2249, 52.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 190, 183) }
```

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

```
.background{ background-color: rgb(205,  
190, 183) }
```

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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