

Converting Colors

XYZ(51.3674, 55.5599, 54.0561)

Have a look what the booklet for
XYZ(51.3674, 55.5599, 54.0561)
contains.

XYZ(51.1992, 55.3603, 53.8861)	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(51.1992, 55.3603,
53.8861)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C6B9
RGB	194, 198, 185
RGB Percent	76%, 78%, 73%
CMY	0.2392, 0.2235, 0.2745
CMYK	0.02, 0.00, 0.07, 0.22
HSL	78°, 10%, 75%
HSV	78°, 7%, 78%
XYZ	51.1992, 55.3603, 53.8861
YIQ	195.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

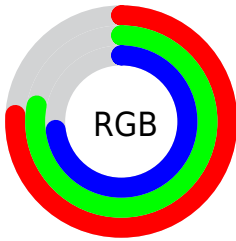
Format	Color
RYB	185, 198, 189
Decimal	12764857
CIELab	79.25, -3.72, 6.02
CIELCh	79, 7.081, 121.733
Yxy	55.3603, 0.3191, 0.3450
Android (android.graphics.Color)	4290954937 (0xFFC2C6B9)
YUV	195.3220, -5.0887, -1.1594
Hunter-Lab	74.4045, -7.3785, 9.1435

Details

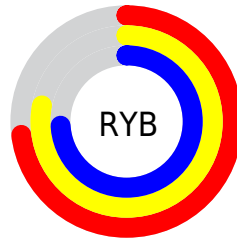
The XYZ color **51.1992, 55.3603, 53.8861** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5304, 49.5955, 60.4440**, and the grayscale version is **52.0937, 54.8067, 59.6845**.

A 20% lighter version of the original color is **91.0615, 98.1949, 97.3731**, and **24.9533, 27.1879, 25.7624** is the 20% darker color. If you saturate the color by 10%, you get **47.7206, 53.7936, 43.5614**, and if you desaturate by 10%, it is **55.0362, 57.0814, 65.7495**.

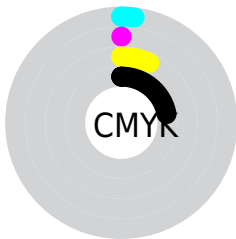
Distribution



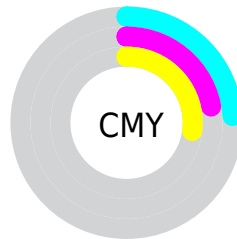
- Red (76%)
- Green (78%)
- Blue (73%)



- Red (73%)
- Yellow (78%)
- Blue (74%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1992, 55.3603, 53.8861 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 51.1992, 55.3603, 53.8861 by changing the saturation by 10% instead.

■ 51.1992, 55.3603,
53.8861

■ 51.1992, 55.3603,
53.8861

381.7121,
407.2763, 418.8379

■ 36.5889, 39.6903,
38.1181

■ 91.1304, 98.0687,
97.3617

■ 25.0615, 27.2971,
25.7718

117.1820,
125.8758, 125.9063

■ 16.2519, 17.7965,
16.4288

147.7780,
158.4973, 159.5469

■ 9.7945, 10.8040,
9.6704

183.2838,
196.3178, 198.7020

■ 5.3242, 5.9352,
5.0783

224.0647,
239.7215, 243.7901

■ 2.4754, 2.8057,
2.2337

270.4862,

■ 0.8829, 1.0312,

289.0929, 295.2297

0.6937

322.9136,
344.8164, 353.4395

■ 0.0000, 0.0000,
0.0000

■ 51.1992, 55.3603,
53.8861

■ 51.1992, 55.3603,
53.8861

■ 47.7206, 53.7936,
43.5614

■ 55.0362, 57.0814,
65.7495

■ 44.5831, 52.3688,
34.7087

■ 59.2391, 58.9545,
79.2073

■ 41.7747, 51.0829,
27.2619

■ 63.8208, 60.9868,
94.3170

■ 39.2808, 49.9300,
21.1482

■ 67.2745, 62.5755,
103.1403

■ 37.0856, 48.9036,
16.2886

■ 69.1358, 63.5350,
103.2274

■ 35.1716, 47.9967,
12.5956

■ 71.0648, 64.5295,
103.3177

■ 33.5192, 47.2013,
9.9702

■ 73.0623, 65.5593,
103.4111

■ 32.1059, 46.5082,
8.2975

■ 75.1291, 66.6247,
103.5079

■ 30.9021, 45.9057,
7.4272

■ 77.2656, 67.7261,
103.6079

Harmonies

Analogous

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



52.5360, 55.3603, 52.8148



51.1992, 55.3603, 53.8861



50.2565, 55.3603, 56.6599

Triad

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



51.1992, 55.3603, 53.8861



51.3393, 55.3603, 67.4100



55.3870, 55.3603, 60.0425

Complementary

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



51.1992, 55.3603, 53.8861



48.5304, 49.5955, 60.4440

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.



55.0530, 55.3603, 64.0468



51.1992, 55.3603, 53.8861



52.7007, 55.3603, 68.4130

Square

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



51.1992, 55.3603, 53.8861



50.3364, 55.3603, 64.4730



54.0634, 55.3603, 67.1563



54.9682, 55.3603, 56.2690

Rectangle

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



51.1992, 55.3603, 53.8861



49.9696, 55.3603, 59.1636



54.0634, 55.3603, 67.1563



55.3590, 55.3603, 61.4062

Sweetspot

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



51.2007, 55.3627, 53.8873



93.6643, 99.3792, 104.6058



50.2237, 51.8625, 53.2632



20.0626, 21.2778, 22.4349



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.



51.2007, 55.3627, 53.8873



89.6645, 97.5832, 92.4042



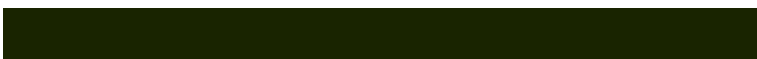
49.5935, 54.5341, 53.8121



11.1938, 12.2469, 11.3367



19.9365, 29.7730, 4.6960



1.0156, 1.4467, 0.2257

Inverse Universe

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



48.5304, 49.5955, 60.4440



83.8790, 85.0877, 106.6104



50.1531, 50.4320, 60.5200



10.3588, 10.4432, 13.3873



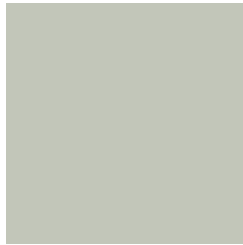
7.9565, 3.3360, 34.9689



0.4518, 0.1966, 1.6593

Previews

White Background



This preview shows how the XYZ color 51.1992, 55.3603, 53.8861 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 51.1992, 55.3603, 53.8861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

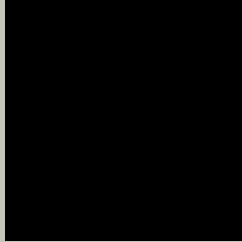
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

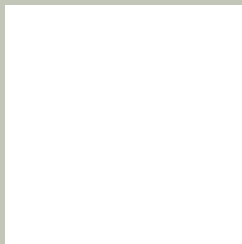
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1992, 55.3603, 53.8861

Background



This preview shows how black text looks on a background with the XYZ color 51.1992, 55.3603, 53.8861.



This preview shows how white text looks on a background with the XYZ color 51.1992, 55.3603,

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

51.1992, 55.3603, 53.8861

Protanopia

52.7954, 55.1874, 53.2170

Deuteranopia

56.5965, 55.4748, 54.7385



Tritanopia

54.2133, 55.2425, 68.7783

Trichromacy



Original Color

51.1992, 55.3603, 53.8861

Protanomaly

52.2111, 55.2199, 53.2541

Deuteranomaly

54.5112, 55.3867, 54.2720

Tritanomaly

53.0837, 55.1176, 63.0993

Monochromacy



Original Color

51.1992, 55.3603, 53.8861

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.6496, 54.8435, 57.1539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1992, 55.3603, 53.8861 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(194, 198, 185) looks like.

```
.text, #text, p{  
    color:rgb(194, 198, 185)  
}
```

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(194, 198, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 198, 185) }
```

Border

The CSS property to change the border of an element to XYZ 51.1992, 55.3603, 53.8861 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(194, 198, 185) }
```


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

```
.border{ border-color:rgb(194, 198, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 198, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 198, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 198, 185);  
box-shadow:4px 4px 4px 4px rgb(194, 198,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1992, 55.3603, 53.8861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 198, 185) }
```

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

```
.background{ background-color: rgb(194,  
198, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor