

Converting Colors

XYZ(51.5347, 55.6050, 41.7357)

Have a look what the booklet for
XYZ(51.5347, 55.6050, 41.7357)
contains.

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Color

**XYZ(51.5761, 55.4848,
41.7095)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC5A1
RGB	205, 197, 161
RGB Percent	80%, 77%, 63%
CMY	0.1961, 0.2274, 0.3686
CMYK	0.00, 0.04, 0.21, 0.20
HSL	49°, 31%, 72%
HSV	49°, 21%, 80%
XYZ	51.5761, 55.4848, 41.7095
YIQ	195.2880, 16.3240, -9.5000

Conversions

Conversions Part 2

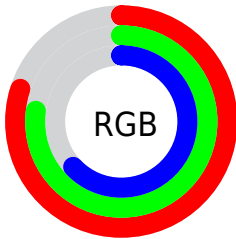
Format	Color
RYB	171, 205, 161
Decimal	13485473
CIELab	79.32, -3.04, 19.09
CIELCh	79, 19.332, 99.036
Yxy	55.4848, 0.3467, 0.3730
Android (android.graphics.Color)	4291675553 (0xFFCDC5A1)
YUV	195.2880, -16.9040, 8.5174
Hunter-Lab	74.4881, -6.7595, 18.9423

Details

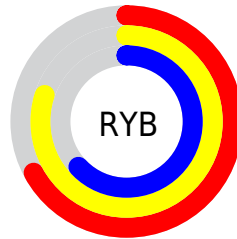
The XYZ color **51.5761, 55.4848, 41.7095** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9052, 40.3599, 63.4450**, and the grayscale version is **52.1355, 54.8506, 59.7324**.

A 20% lighter version of the original color is **89.0765, 97.1015, 79.0134**, and **25.1605, 27.2331, 18.3984** is the 20% darker color. If you saturate the color by 10%, you get **49.0796, 53.1512, 32.6778**, and if you desaturate by 10%, it is **54.3929, 57.9837, 52.3116**.

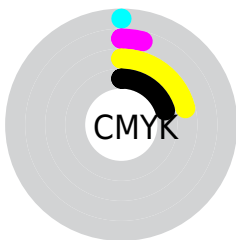
Distribution



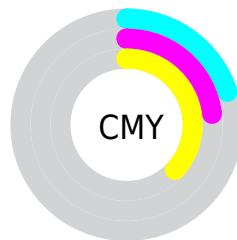
- Red (80%)
- Green (77%)
- Blue (63%)



- Red (67%)
- Yellow (80%)
- Blue (63%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5761, 55.4848, 41.7095 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 51.5761, 55.4848, 41.7095 by changing the saturation by 10% instead.

■ 51.5761, 55.4848,
41.7095

■ 51.5761, 55.4848,
41.7095

383.1488,
407.7470, 369.0414

■ 36.8902, 39.7900,
28.5500

■ 91.6837, 98.2509,
79.0251

■ 25.2958, 27.3749,
18.4980

■ 117.8361,
126.0910, 104.0183

■ 16.4275, 17.8549,
11.1350

148.5415,
158.7483, 133.7932

■ 9.9199, 10.8459,
6.0424

184.1650,
196.6072, 168.7683

■ 5.4077, 5.9633,
2.8017

225.0722,
240.0522, 209.3621

■ 2.5256, 2.8228,
0.9943

271.6283,

■ 0.9082, 1.0399,

289.4675, 255.9932

0.0000

324.1987,
345.2377, 309.0801

■ 0.0000, 0.0000,
0.0000

■ 51.5761, 55.4848,
41.7095

■ 51.5761, 55.4848,
41.7095

■ 49.0796, 53.1512,
32.6778

■ 54.3929, 57.9837,
52.3116

■ 46.8844, 50.9695,
25.1368

■ 57.5392, 60.6462,
64.5515

■ 44.9761, 48.9356,
19.0055

■ 61.0292, 63.4801,
78.4967

■ 43.3376, 47.0422,
14.1933

■ 64.8750, 66.4905,
94.2102

■ 41.9494, 45.2815,
10.5994

■ 67.6885, 69.1223,
104.3821

■ 40.7895, 43.6444,
8.1082

■ 68.6517, 71.0486,
104.7032

■ 39.8315, 42.1199,
6.5817

■ 69.6366, 73.0184,
105.0315

■ 39.1331, 40.8914,
5.8303

■ 70.6434, 75.0320,
105.3671

■ 71.6722, 77.0897,
105.7100

Harmonies

Analogous

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



55.4452, 55.4848, 42.6117



51.5761, 55.4848, 41.7095



48.1857, 55.4848, 45.3203

Triad

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



51.5761, 55.4848, 41.7095



47.1630, 55.4848, 74.8603



59.9981, 55.4848, 68.3670

Complementary

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



51.5761, 55.4848, 41.7095



39.9052, 40.3599, 63.4450

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.



57.5654, 55.4848, 78.5330



51.5761, 55.4848, 41.7095



50.1178, 55.4848, 82.5892

Square

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



51.5761, 55.4848, 41.7095



45.7211, 55.4848, 63.8241



53.9145, 55.4848, 84.0097



60.4355, 55.4848, 57.1266

Rectangle

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



51.5761, 55.4848, 41.7095



46.6073, 55.4848, 50.0949



53.9145, 55.4848, 84.0097



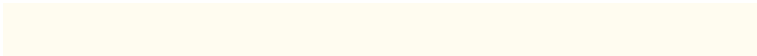
59.3811, 55.4848, 72.0599

Sweetspot

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



51.5776, 55.4873, 41.7107



91.8031, 97.2923, 96.1454



45.0900, 41.3367, 43.1719



19.5766, 20.7628, 20.2951



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.



51.5776, 55.4873, 41.7107



82.4290, 88.9935, 60.8066



49.7675, 57.3213, 42.1601



11.9738, 12.7365, 11.9067



24.4256, 25.5842, 3.6509



1.3064, 1.4125, 0.2038

Inverse Universe

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



39.9052, 40.3599, 63.4450



59.7899, 59.6564, 102.9713



41.4292, 39.0045, 63.1030



10.7639, 11.1683, 14.1587



7.3273, 3.6786, 36.2801



0.4293, 0.2924, 1.8888

Previews

White Background



This preview shows how the XYZ color 51.5761, 55.4848, 41.7095 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 51.5761, 55.4848, 41.7095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

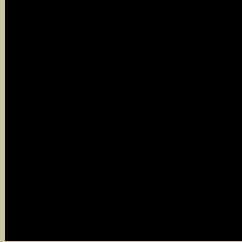
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

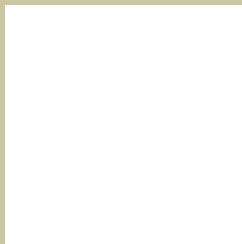
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5761, 55.4848, 41.7095

Background



This preview shows how black text looks on a background with the XYZ color 51.5761, 55.4848, 41.7095.



This preview shows how white text looks on a background with the XYZ color 51.5761, 55.4848,

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

51.5761, 55.4848, 41.7095

Protanopia

52.1854, 55.4630, 41.6732

Deuteranopia

56.4870, 55.3704, 42.3607



Tritanopia

56.6353, 55.5667, 66.1330

Trichromacy



Original Color

51.5761, 55.4848, 41.7095

Protanomaly

51.9051, 55.3185, 41.6601

Deuteranomaly

54.5846, 55.3680, 41.9926

Tritanomaly

54.6587, 55.4129, 56.5301

Monochromacy



Original Color

51.5761, 55.4848, 41.7095

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.8404, 55.0409, 52.6914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5761, 55.4848, 41.7095 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, 197, 161) looks like.

```
.text, #text, p{  
    color:rgb(205, 197, 161)  
}
```

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, 197, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 197, 161) }
```

Border

The CSS property to change the border of an element to XYZ 51.5761, 55.4848, 41.7095 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, 197, 161) }
```


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

```
.border{ border-color:rgb(205, 197, 161) }
```

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

Here you see how a box with a 4 pixel rgb(205, 197, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 197, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 197, 161);  
box-shadow:4px 4px 4px 4px rgb(205, 197,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5761, 55.4848, 41.7095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 197, 161) }
```

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

```
.background{ background-color: rgb(205,  
197, 161) }
```

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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