

Converting Colors

XYZ(50.1101, 55.3513, 48.4891)

Have a look what the booklet for
XYZ(50.1101, 55.3513, 48.4891)
contains.

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Color

**XYZ(50.1536, 55.2794,
48.5841)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C7AF
RGB	193, 199, 175
RGB Percent	76%, 78%, 69%
CMY	0.2431, 0.2196, 0.3137
CMYK	0.03, 0.00, 0.12, 0.22
HSL	75°, 18%, 73%
HSV	75°, 12%, 78%
XYZ	50.1536, 55.2794, 48.5841
YIQ	194.4700, 4.1280, -8.7360

Conversions

Conversions Part 2

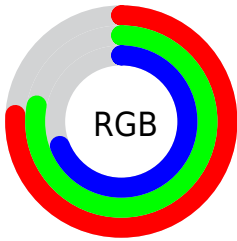
Format	Color
RYB	175, 199, 181
Decimal	12699567
CIELab	79.20, -6.31, 11.31
CIELCh	79, 12.954, 119.166
Yxy	55.2794, 0.3256, 0.3589
Android (android.graphics.Color)	4290889647 (0xFFC1C7AF)
YUV	194.4700, -9.5987, -1.2892
Hunter-Lab	74.3501, -9.7038, 13.3020

Details

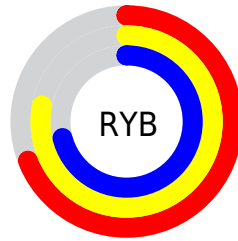
The XYZ color **50.1536, 55.2794, 48.5841** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6970, 44.6087, 60.2903**, and the grayscale version is **51.6114, 54.2992, 59.1318**.

A 20% lighter version of the original color is **89.6081, 97.6135, 89.7197**, and **24.3480, 27.1698, 22.6999** is the 20% darker color. If you saturate the color by 10%, you get **47.0942, 53.9133, 38.9791**, and if you desaturate by 10%, it is **53.5468, 56.7876, 59.7106**.

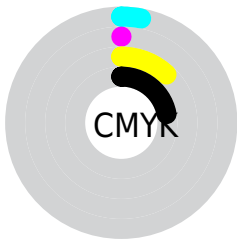
Distribution



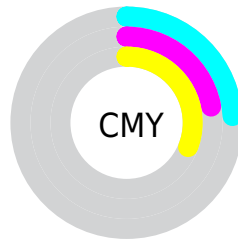
- Red (76%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1536, 55.2794, 48.5841 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 50.1536, 55.2794, 48.5841 by changing the saturation by 10% instead.

■ 50.1536, 55.2794,
48.5841

■ 50.1536, 55.2794,
48.5841

377.7084,
406.9702, 397.6780

■ 35.7538, 39.6255,
33.9264

■ 89.5929, 97.9502,
89.4480

■ 24.4133, 27.2466,
22.5602

115.3630,
125.7359, 116.4913

■ 15.7669, 17.7585,
14.0668

145.6540,
158.3342, 148.5002

■ 9.4491, 10.7768,
8.0279

180.8311,
196.1296, 185.8933

■ 5.0947, 5.9169,
4.0248

221.2597,
239.5066, 229.0891

■ 2.3383, 2.7946,
1.6389

267.3053,

■ 0.8141, 1.0255,

288.8494, 278.5061

0.3184

319.3330,
344.5424, 334.5629

■ 0.0000, 0.0000,
0.0000

■ 50.1536, 55.2794,
48.5841

■ 50.1536, 55.2794,
48.5841

■ 47.0942, 53.9133,
38.9791

■ 53.5468, 56.7876,
59.7106

■ 44.3512, 52.6768,
30.8259

■ 57.2816, 58.4355,
72.4172

■ 41.9121, 51.5668,
24.0548

■ 61.3708, 60.2303,
86.7636

■ 39.7619, 50.5771,
18.5887

■ 65.8256, 62.1764,
102.8053

■ 37.8842, 49.7011,
14.3431

■ 67.3548, 62.9573,
103.2097

■ 36.2605, 48.9315,
11.2237

■ 68.8648, 63.7358,
103.2804

■ 34.8700, 48.2597,
9.1222

■ 70.4200, 64.5375,
103.3532

■ 33.6874, 47.6757,
7.9091

■ 72.0206, 65.3627,
103.4281

■ 32.8607, 47.2601,
7.3902

■ 73.6671, 66.2114,
103.5052

Harmonies

Analogous

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



52.6139, 55.2794, 47.0358



50.1536, 55.2794, 48.5841



48.3837, 55.2794, 53.1773

Triad

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



50.1536, 55.2794, 48.5841



50.0321, 55.2794, 73.2740



57.6754, 55.2794, 60.3975

Complementary

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



50.1536, 55.2794, 48.5841



44.6970, 44.6087, 60.2903

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.



56.9308, 55.2794, 67.7934



50.1536, 55.2794, 48.5841



52.4690, 55.2794, 75.5927

Square

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



50.1536, 55.2794, 48.5841



48.3151, 55.2794, 67.4052



55.0038, 55.2794, 73.5107



57.0072, 55.2794, 53.5087

Rectangle

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



50.1536, 55.2794, 48.5841



47.8042, 55.2794, 57.5508



55.0038, 55.2794, 73.5107



57.5816, 55.2794, 62.9084

Sweetspot

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



50.1551, 55.2818, 48.5853



92.5185, 98.8797, 100.4356



47.8168, 48.2867, 47.3583



19.7032, 21.1202, 21.1675



0.0000, 0.0000, 0.0000



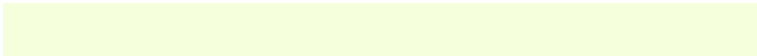
20.3446, 21.4041, 23.3091

Same Dimension

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



50.1551, 55.2818, 48.5853



86.6165, 96.2559, 81.2392



47.2192, 53.7683, 48.4479



11.2548, 12.2783, 11.3395



21.2126, 30.4308, 4.7557



1.0678, 1.4736, 0.2281

Inverse Universe

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



44.6970, 44.6087, 60.2903



75.5276, 74.5713, 105.0207



47.6330, 46.1223, 60.4277



10.3011, 10.4135, 13.3846



7.5361, 3.1193, 34.9492



0.4256, 0.1832, 1.6581

Previews

White Background



This preview shows how the XYZ color 50.1536, 55.2794, 48.5841 looks on a white background.

Color Contrast Check

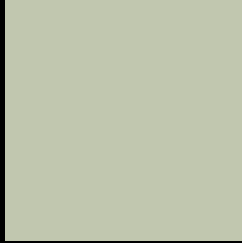
Large Text (above 18pt) WCAG AA × Fail

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 50.1536, 55.2794, 48.5841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

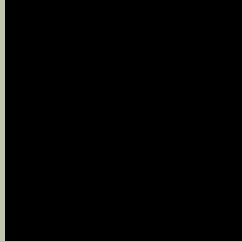
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

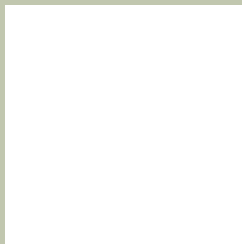
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1536, 55.2794, 48.5841

Background



This preview shows how black text looks on a background with the XYZ color 50.1536, 55.2794, 48.5841.



This preview shows how white text looks on a background with the XYZ color 50.1536, 55.2794,

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

50.1536, 55.2794, 48.5841

Protanopia

52.2348, 55.0265, 47.4033

Deuteranopia

56.2576, 55.0991, 49.2651



Tritanopia

54.0891, 55.1928, 68.1241

Trichromacy



Original Color

50.1536, 55.2794, 48.5841

Protanomaly

51.4673, 54.9534, 47.9388

Deuteranomaly

53.7704, 55.1234, 48.8802

Tritanomaly

52.5829, 55.2468, 60.7156

Monochromacy



Original Color

50.1536, 55.2794, 48.5841

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.9577, 54.5370, 54.8547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1536, 55.2794, 48.5841 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(193, 199, 175)` looks like.

```
.text, #text, p{  
    color:rgb(193, 199, 175)  
}
```

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(193, 199, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 199, 175) }
```

Border

The CSS property to change the border of an element to XYZ 50.1536, 55.2794, 48.5841 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(193, 199, 175) }
```


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

```
.border{ border-color:rgb(193, 199, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 199, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 199, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 199, 175);  
box-shadow:4px 4px 4px 4px rgb(193, 199,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1536, 55.2794, 48.5841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 199, 175) }
```

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

```
.background{ background-color: rgb(193,  
199, 175) }
```

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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