

Converting Colors

XYZ(64.1917, 70.8372, 54.5027)

Have a look what the booklet for
XYZ(64.1917, 70.8372, 54.5027)
contains.

XYZ(64.3836, 70.9921, 54.5654)	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(64.3836, 70.9921,
54.5654)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDEB6
RGB	221, 222, 182
RGB Percent	87%, 87%, 71%
CMY	0.1333, 0.1294, 0.2863
CMYK	0.00, 0.00, 0.18, 0.13
HSL	62°, 38%, 79%
HSV	62°, 18%, 87%
XYZ	64.3836, 70.9921, 54.5654
YIQ	217.1410, 12.2440, -12.6520

Conversions

Conversions Part 2

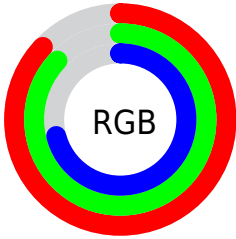
Format	Color
RYB	182, 222, 183
Decimal	14540470
CIELab	87.48, -6.92, 19.56
CIELCh	87, 20.744, 109.488
Yxy	70.9921, 0.3390, 0.3738
Android (android.graphics.Color)	4292730550 (0xFFDDDEB6)
YUV	217.1410, -17.3245, 3.3843
Hunter-Lab	84.2568, -11.0513, 20.5831

Details

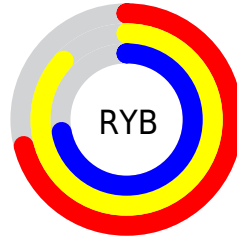
The XYZ color **64.3836, 70.9921, 54.5654** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.4439, 48.7989, 75.9243**, and the grayscale version is **66.1608, 69.6063, 75.8013**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **33.5070, 37.3294, 26.2082** is the 20% darker color. If you saturate the color by 10%, you get **62.1001, 70.0615, 43.4168**, and if you desaturate by 10%, it is **67.0352, 72.0748, 67.6328**.

Distribution



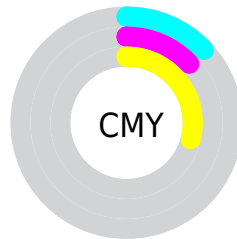
- Red (87%)
- Green (87%)
- Blue (71%)



- Red (71%)
- Yellow (87%)
- Blue (72%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3836, 70.9921, 54.5654 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 64.3836, 70.9921, 54.5654 by changing the saturation by 10% instead.

■ 64.3836, 70.9921,
54.5654

■ 64.3836, 70.9921,
54.5654

430.1539,
464.0258, 421.4978

■ 47.2243, 52.3357,
38.6576

■ 110.2338,
120.6225, 98.3687

■ 33.4217, 37.2728,
26.1877

139.6555,
152.3653, 127.1012

■ 22.6105, 25.4188,
16.7371

173.8953,
189.2391, 160.9458

■ 14.4252, 16.3893,
9.8873

213.3186,
231.6281, 200.3209

■ 8.5007, 9.8001,
5.2196

258.2907,
279.9170, 245.6452

■ 4.4714, 5.2666,
2.3157

309.1771,

■ 1.9722, 2.4045,

334.4899, 297.3370

0.7400

366.3430,
395.7314, 355.8151

0.6182, 0.8282,
0.0000

0.0000, 0.0000,
0.0000

64.3836, 70.9921,
54.5654

64.3836, 70.9921,
54.5654

62.1001, 70.0615,
43.4168

67.0352, 72.0748,
67.6328

60.1619, 69.2667,
34.0924

70.0653, 73.3065,
82.6984

58.5526, 68.6035,
26.4964

73.4907, 74.6965,
99.8431

57.2518, 68.0638,
20.5225

74.6754, 75.1902,
105.1851

■ 56.2372, 67.6387,
16.0526

■ 74.8477, 75.2790,
105.1931

■ 55.4834, 67.3179,
12.9529

■ 75.0206, 75.3682,
105.2012

■ 54.9603, 67.0895,
11.0655

■ 75.1941, 75.4576,
105.2094

■ 54.6257, 66.9365,
10.1672

■ 75.3681, 75.5473,
105.2175

■ 54.5688, 66.9100,
10.0388

■ 75.5427, 75.6373,
105.2257

Harmonies

Analogous

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



69.2080, 70.9921, 53.7041



64.3836, 70.9921, 54.5654



60.5685, 70.9921, 61.0735

Triad

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



64.3836, 70.9921, 54.5654



61.5433, 70.9921, 99.6619



77.1618, 70.9921, 82.3221

Complementary

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



64.3836, 70.9921, 54.5654



49.4439, 48.7989, 75.9243

Split Complementary

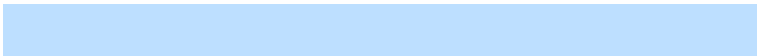
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.8893, 70.9921, 96.1688



64.3836, 70.9921, 54.5654



65.7729, 70.9921, 106.9534

Square

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



64.3836, 70.9921, 54.5654



58.9844, 70.9921, 86.6466



70.6656, 70.9921, 105.6029



76.7455, 70.9921, 68.6479

Rectangle

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



64.3836, 70.9921, 54.5654



59.0370, 70.9921, 68.2307



70.6656, 70.9921, 105.6029



76.6829, 70.9921, 87.1357

Sweetspot

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



64.3855, 70.9952, 54.5669



92.9469, 99.1452, 98.4395



55.4348, 52.6383, 51.4954



19.8335, 21.1964, 20.7676



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.



64.3855, 70.9952, 54.5669



86.7807, 96.6326, 68.0501



58.7445, 68.0872, 54.3029



14.8359, 16.0111, 14.6153



32.4260, 39.7487, 5.9632



2.2585, 2.7608, 0.4139

Inverse Universe

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



49.4439, 48.7989, 75.9243



62.3524, 60.3428, 102.9687



54.4528, 51.3811, 76.1587



12.9837, 13.2596, 17.2627



7.8868, 3.1611, 41.2428



0.5581, 0.2250, 2.8593

Previews

White Background



This preview shows how the XYZ color 64.3836, 70.9921, 54.5654 looks on a white background.

Color Contrast Check

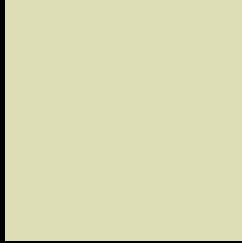
Large Text (above 18pt) WCAG AA × Fail

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 64.3836, 70.9921, 54.5654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

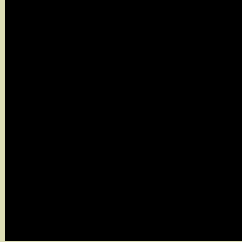
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

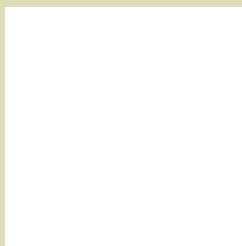
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3836, 70.9921, 54.5654

Background



This preview shows how black text looks on a background with the XYZ color 64.3836, 70.9921, 54.5654.



This preview shows how white text looks on a background with the XYZ color 64.3836, 70.9921,

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

64.3836, 70.9921, 54.5654

Protanopia

66.8484, 71.1141, 53.3831

Deuteranopia

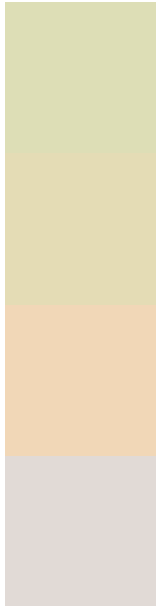
72.4540, 70.9319, 55.2199



Tritanopia

70.8608, 70.9211, 86.2983

Trichromacy



Original Color

64.3836, 70.9921, 54.5654

Protanomaly

65.9286, 71.0166, 53.9488

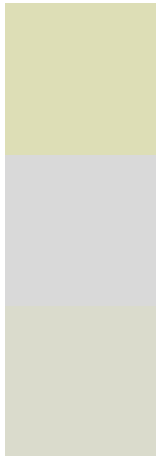
Deuteranomaly

69.1233, 70.7205, 54.8070

Tritanomaly

68.2603, 71.0054, 73.7260

Monochromacy



Original Color

64.3836, 70.9921, 54.5654

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.1440, 69.9281, 67.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3836, 70.9921, 54.5654 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(221, 222, 182)` looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 182)  
}
```

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(221, 222, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 182) }
```

Border

The CSS property to change the border of an element to XYZ 64.3836, 70.9921, 54.5654 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(221, 222, 182) }
```


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

```
.border{ border-color:rgb(221, 222, 182) }
```

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

Here you see how a box with a 4 pixel rgb(221, 222, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 222, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 222, 182);  
box-shadow:4px 4px 4px 4px rgb(221, 222,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3836, 70.9921, 54.5654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 182) }
```

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

```
.background{ background-color: rgb(221,  
222, 182) }
```

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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