

Converting Colors

XYZ(43.7092, 50.2515, 34.1839)

Have a look what the booklet for
XYZ(43.7092, 50.2515, 34.1839)
contains.

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Color

**XYZ(43.7092, 50.2515,
34.1839)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C191
RGB	183, 193, 145
RGB Percent	72%, 76%, 57%
CMY	0.2824, 0.2431, 0.4314
CMYK	0.05, 0.00, 0.25, 0.24
HSL	73°, 28%, 66%
HSV	73°, 25%, 76%
XYZ	43.7092, 50.2515, 34.1839
YIQ	184.5380, 9.4480, -17.0480

Conversions

Conversions Part 2

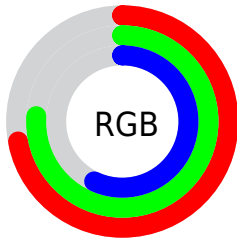
Format	Color
RYB	145, 193, 155
Decimal	12042641
CIELab	76.22, -11.58, 23.08
CIELCh	76, 25.817, 116.647
Yxy	50.2515, 0.3411, 0.3921
Android (android.graphics.Color)	4290232721 (0xFFB7C191)
YUV	184.5380, -19.4922, -1.3488
Hunter-Lab	70.8883, -13.9927, 21.0309

Details

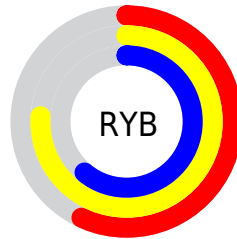
The XYZ color **43.7092, 50.2515, 34.1839** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.2706, 31.0710, 54.6986**, and the grayscale version is **45.9597, 48.3531, 52.6566**.

A 20% lighter version of the original color is **79.7811, 90.2256, 67.2432**, and **20.6044, 24.3101, 14.1960** is the 20% darker color. If you saturate the color by 10%, you get **41.4029, 49.2217, 26.9564**, and if you desaturate by 10%, it is **46.2983, 51.4010, 42.7465**.

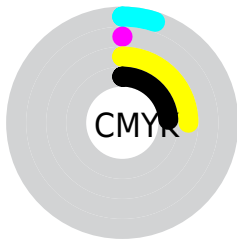
Distribution



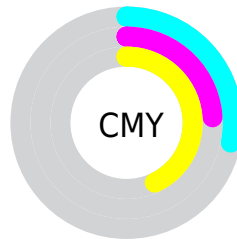
- Red (72%)
- Green (76%)
- Blue (57%)



- Red (57%)
- Yellow (76%)
- Blue (61%)



- Cyan (5%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (28%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7092, 50.2515, 34.1839 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 43.7092, 50.2515, 34.1839 by changing the saturation by 10% instead.

■ 43.7092, 50.2515,
34.1839

■ 43.7092, 50.2515,
34.1839

352.3926,
387.6486, 335.7454

■ 30.6389, 35.6133,
22.7564

■ 80.0290, 90.5474,
67.3567

■ 20.4745, 24.1357,
14.2101

■ 104.0093,
116.9739, 89.9391

■ 12.8507, 15.4343,
8.1265

132.3569,
148.0985, 117.0769

■ 7.4021, 9.1247,
4.0871

165.4372,
184.3058, 149.1886

■ 3.7634, 4.8226,
1.6732

203.6155,
225.9800, 186.6928

■ 1.5692, 2.1436,
0.3423

247.2573,

■ 0.3722, 0.6890,

273.5057, 230.0079

0.0000

296.7279,
327.2671, 279.5526

■ 0.0000, 0.0000,
0.0000

■ 43.7092, 50.2515,
34.1839

■ 43.7092, 50.2515,
34.1839

■ 41.4029, 49.2217,
26.9564

■ 46.2983, 51.4010,
42.7465

■ 39.3626, 48.2998,
20.9934

■ 49.1784, 52.6683,
52.7034

■ 37.5754, 47.4822,
16.2229

■ 52.3621, 54.0603,
64.1144

■ 36.0257, 46.7627,
12.5642

■ 55.8603, 55.5813,
77.0346

■ 34.6962, 46.1343,
9.9268

■ 59.6829, 57.2354,
91.5164

■ 33.5667, 45.5889,
8.2057

■ 62.8909, 58.6469,
102.6130

■ 32.6127, 45.1168,
7.2738

■ 64.0301, 59.2342,
102.6663

■ 32.1664, 44.8929,
6.9699

■ 65.1982, 59.8363,
102.7210

■ 66.3954, 60.4535,
102.7770

Harmonies

Analogous

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



48.3089, 50.2515, 32.1886



43.7092, 50.2515, 34.1839



40.4032, 50.2515, 41.3314

Triad

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



43.7092, 50.2515, 34.1839



42.8266, 50.2515, 80.1336



57.6681, 50.2515, 56.2889

Complementary

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



43.7092, 50.2515, 34.1839



33.2706, 31.0710, 54.6986

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.



55.9653, 50.2515, 70.7155



43.7092, 50.2515, 34.1839



47.2203, 50.2515, 85.8674

Square

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



43.7092, 50.2515, 34.1839



39.9184, 50.2515, 67.5602



52.0590, 50.2515, 82.1607



56.5724, 50.2515, 43.6114

Rectangle

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



43.7092, 50.2515, 34.1839



39.2681, 50.2515, 48.7880



52.0590, 50.2515, 82.1607



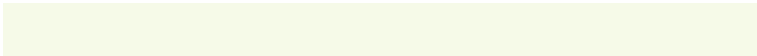
57.4013, 50.2515, 61.1043

Sweetspot

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



43.7105, 50.2537, 34.1850



86.8732, 93.7973, 90.1734



38.7598, 36.6930, 31.8284



18.5685, 20.0924, 19.1053



92.9021, 97.7402, 106.4391



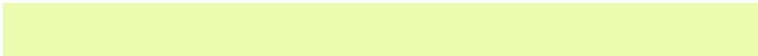
19.4759, 20.4902, 22.3138

Same Dimension

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



43.7105, 50.2537, 34.1850



75.9077, 88.9405, 53.6879



38.5601, 47.5986, 33.9439



10.7013, 11.6490, 10.7463



21.4613, 29.8926, 4.6387



0.9802, 1.3189, 0.2029

Inverse Universe

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



33.2706, 31.0710, 54.6986



53.9300, 48.5473, 96.8884



38.2508, 33.6384, 54.9317



9.7201, 9.8469, 12.6732



7.0449, 2.8922, 33.7436



0.3631, 0.1552, 1.4607

Previews

White Background



This preview shows how the XYZ color 43.7092, 50.2515, 34.1839 looks on a white background.

Color Contrast Check

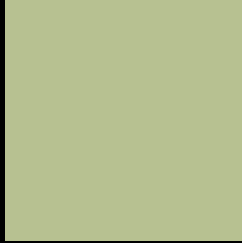
Large Text (above 18pt) WCAG AA × Fail

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 43.7092, 50.2515, 34.1839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

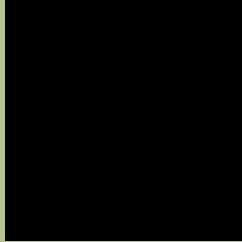
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

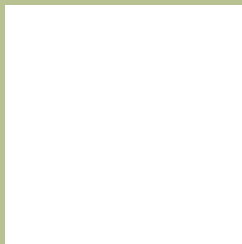
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7092, 50.2515, 34.1839

Background



This preview shows how black text looks on a background with the XYZ color 43.7092, 50.2515, 34.1839.



This preview shows how white text looks on a background with the XYZ color 43.7092, 50.2515,

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

43.7092, 50.2515, 34.1839

Protanopia

47.0285, 50.3671, 33.2298

Deuteranopia

50.8800, 49.8407, 34.9555



Tritanopia

49.4701, 50.3643, 61.7575

Trichromacy



Original Color

43.7092, 50.2515, 34.1839

Protanomaly

45.6956, 50.3099, 33.6879

Deuteranomaly

48.0690, 49.9263, 34.7070

Tritanomaly

47.1749, 50.3818, 50.4183

Monochromacy



Original Color

43.7092, 50.2515, 34.1839

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.0061, 49.0591, 45.1275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7092, 50.2515, 34.1839 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(183, 193, 145)` looks like.

```
.text, #text, p{  
    color:rgb(183, 193, 145)  
}
```

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(183, 193, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 193, 145) }
```

Border

The CSS property to change the border of an element to XYZ 43.7092, 50.2515, 34.1839 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(183, 193, 145) }
```


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

```
.border{ border-color:rgb(183, 193, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 193, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 193, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 193, 145);  
box-shadow:4px 4px 4px 4px rgb(183, 193,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7092, 50.2515, 34.1839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 193, 145) }
```

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

```
.background{ background-color: rgb(183,  
193, 145) }
```

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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