

Converting Colors

XYZ(43.3864, 52.7815, 33.8085)

Have a look what the booklet for
XYZ(43.3864, 52.7815, 33.8085)
contains.

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Color

**XYZ(43.5238, 52.8704,
33.8977)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC98F
RGB	175, 201, 143
RGB Percent	69%, 79%, 56%
CMY	0.3137, 0.2117, 0.4392
CMYK	0.13, 0.00, 0.29, 0.21
HSL	87°, 35%, 67%
HSV	87°, 29%, 79%
XYZ	43.5238, 52.8704, 33.8977
YIQ	186.6140, 3.1220, -23.5500

Conversions

Conversions Part 2

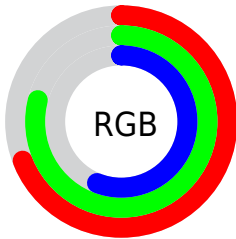
Format	Color
RYB	143, 201, 169
Decimal	11520399
CIELab	77.80, -18.91, 26.17
CIELCh	78, 32.291, 125.856
Yxy	52.8704, 0.3340, 0.4058
Android (android.graphics.Color)	4289710479 (0xFFAFC98F)
YUV	186.6140, -21.5017, -10.1855
Hunter-Lab	72.7120, -20.3999, 23.2580

Details

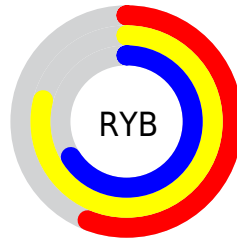
The XYZ color **43.5238, 52.8704, 33.8977** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.7294, 32.2985, 59.5596**, and the grayscale version is **47.1338, 49.5884, 54.0018**.

A 20% lighter version of the original color is **78.7930, 92.5401, 66.5325**, and **20.3915, 25.7777, 14.0261** is the 20% darker color. If you saturate the color by 10%, you get **40.1803, 51.3089, 26.4925**, and if you desaturate by 10%, it is **47.2779, 54.6153, 42.7485**.

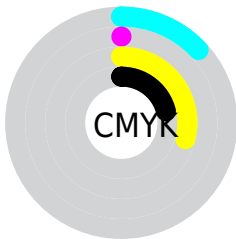
Distribution



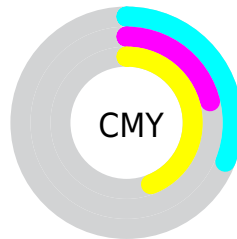
- Red (69%)
- Green (79%)
- Blue (56%)



- Red (56%)
- Yellow (79%)
- Blue (66%)



- Cyan (13%)
- Magenta (0%)
- Yellow (29%)
- Black (21%)





- Cyan (31%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5238, 52.8704, 33.8977 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 43.5238, 52.8704, 33.8977 by changing the saturation by 10% instead.


 43.5238, 52.8704,
33.8977

 43.5238, 52.8704,
33.8977


351.6466,
397.7877, 334.4309

 30.4926, 37.6993,
22.5383


 79.7515, 94.4136,
66.9066

 20.3627, 25.7494,
14.0509


 103.6787,
121.5546, 89.3932

 12.7688, 16.6363,
8.0169


131.9686,
153.4543, 116.4260

 7.3454, 9.9755,
4.0178

164.9867,
190.4971, 148.4234

 3.7273, 5.3827,
1.6351

203.0981,
233.0675, 185.8041

 1.5490, 2.4735,
0.3157

246.6683,

 0.3588, 0.8633,

281.5498, 228.9865

0.0000

296.0627,
336.3284, 278.3893

■ 0.0000, 0.0000,
0.0000

■ 43.5238, 52.8704,
33.8977

■ 43.5238, 52.8704,
33.8977

■ 40.1803, 51.3089,
26.4925

■ 47.2779, 54.6153,
42.7485

■ 37.2262, 49.9166,
20.4525

■ 51.4545, 56.5434,
53.1126

■ 34.6442, 48.6881,
15.6950


■ 56.0701, 58.6632,
65.0576


■ 32.4137, 47.6149,
12.1265


■ 61.1389, 60.9807,
78.6460

■ 30.5119, 46.6875,
9.6411


■ 66.6745, 63.5017,
93.9368


 28.9120, 45.8949,
8.1142


 71.2731, 65.6649,
103.5258

 27.5723, 45.2200,
7.3411

 74.2249, 67.1866,
103.6640

 27.4294, 45.1478,
7.2687

 77.3282, 68.7864,
103.8092

 80.1777, 70.2554,
103.9426

Harmonies

Analogous

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



49.0332, 52.8704, 29.6263



43.5238, 52.8704, 33.8977



40.0459, 52.8704, 44.5830

Triad

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



43.5238, 52.8704, 33.8977



45.4860, 52.8704, 95.1147



63.2062, 52.8704, 54.1197

Complementary

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



43.5238, 52.8704, 33.8977



36.7294, 32.2985, 59.5596

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.



62.0591, 52.8704, 72.8546



43.5238, 52.8704, 33.8977



51.4903, 52.8704, 99.1344

Square

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



43.5238, 52.8704, 33.8977



41.1112, 52.8704, 80.2198



57.6395, 52.8704, 90.2817



60.6557, 52.8704, 39.6386

Rectangle

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



43.5238, 52.8704, 33.8977



39.1740, 52.8704, 55.1110



57.6395, 52.8704, 90.2817



63.2427, 52.8704, 60.0947

Sweetspot

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



43.5252, 52.8727, 33.8988



87.8880, 96.7096, 90.4158



43.0746, 42.4571, 31.9122



18.5765, 20.5915, 18.7588



0.0000, 0.0000, 0.0000



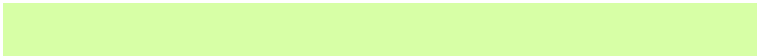
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5252, 52.8727, 33.8988



70.6406, 88.7091, 49.3557



37.8549, 49.9496, 33.6335



11.0475, 12.1714, 11.3298



17.3525, 28.4408, 4.5751



0.9042, 1.3892, 0.2205

Inverse Universe

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



36.7294, 32.2985, 59.5596



57.0286, 47.4895, 100.7684



43.4280, 35.7517, 59.8730



10.5006, 10.5163, 13.3939



9.3891, 4.0745, 35.0360



0.5276, 0.2358, 1.6628

Previews

White Background



This preview shows how the XYZ color 43.5238, 52.8704, 33.8977 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 43.5238, 52.8704, 33.8977 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

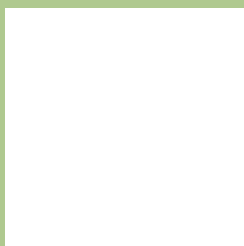
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5238, 52.8704, 33.8977

Background



This preview shows how black text looks on a background with the XYZ color 43.5238, 52.8704, 33.8977.



This preview shows how white text looks on a background with the XYZ color 43.5238, 52.8704,

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

43.5238, 52.8704, 33.8977

Protanopia

48.9634, 52.6852, 32.0147

Deuteranopia

53.7710, 52.5563, 34.9141



Tritanopia

50.2223, 52.8843, 67.2352

Trichromacy



Original Color

43.5238, 52.8704, 33.8977

Protanomaly

46.7544, 52.5258, 32.4852

Deuteranomaly

49.3339, 52.1676, 34.6633

Tritanomaly

47.4477, 52.7643, 53.0312

Monochromacy



Original Color

43.5238, 52.8704, 33.8977

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.7288, 50.7068, 45.9053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5238, 52.8704, 33.8977 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(175, 201, 143)` looks like.

```
.text, #text, p{  
    color:rgb(175, 201, 143)  
}
```

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(175, 201, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 201, 143) }
```

Border

The CSS property to change the border of an element to XYZ 43.5238, 52.8704, 33.8977 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(175, 201, 143) }
```


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

```
.border{ border-color:rgb(175, 201, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 201, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 201, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 201, 143);  
box-shadow:4px 4px 4px 4px rgb(175, 201,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5238, 52.8704, 33.8977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 201, 143) }
```

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

```
.background{ background-color: rgb(175,  
201, 143) }
```

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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