

Converting Colors

XYZ(44.1170, 52.7839, 33.3400)

Have a look what the booklet for
XYZ(44.1170, 52.7839, 33.3400)
contains.

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Color

**XYZ(44.1272, 52.8453,
33.4656)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C88E
RGB	179, 200, 142
RGB Percent	70%, 78%, 56%
CMY	0.2980, 0.2157, 0.4431
CMYK	0.11, 0.00, 0.29, 0.22
HSL	82°, 35%, 67%
HSV	82°, 29%, 78%
XYZ	44.1272, 52.8453, 33.4656
YIQ	187.1090, 6.1020, -22.4900

Conversions

Conversions Part 2

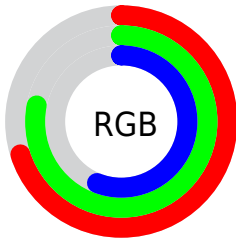
Format	Color
RYB	142, 200, 163
Decimal	11782286
CIELab	77.78, -17.08, 26.72
CIELCh	78, 31.715, 122.580
Yxy	52.8453, 0.3383, 0.4051
Android (android.graphics.Color)	4289972366 (0xFFB3C88E)
YUV	187.1090, -22.2387, -7.1116
Hunter-Lab	72.6948, -18.8627, 23.5917

Details

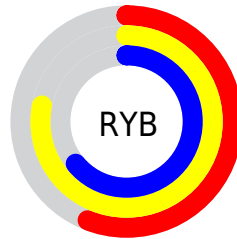
The XYZ color **44.1272, 52.8453, 33.4656** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.2047, 31.3041, 58.8334**, and the grayscale version is **47.4160, 49.8853, 54.3251**.

A 20% lighter version of the original color is **79.9848, 93.1677, 65.9921**, and **20.7714, 25.7487, 13.7728** is the 20% darker color. If you saturate the color by 10%, you get **41.1285, 51.4593, 26.1778**, and if you desaturate by 10%, it is **47.4860, 54.3891, 42.1789**.

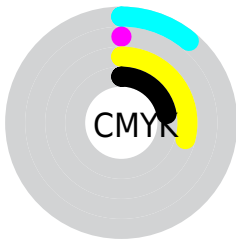
Distribution



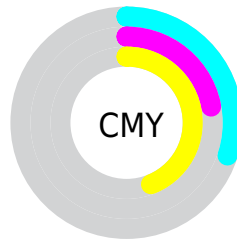
- Red (70%)
- Green (78%)
- Blue (56%)



- Red (56%)
- Yellow (78%)
- Blue (64%)



- Cyan (11%)
- Magenta (0%)
- Yellow (29%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1272, 52.8453, 33.4656 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 44.1272, 52.8453, 33.4656 by changing the saturation by 10% instead.

■ 44.1272, 52.8453,
33.4656

■ 44.1272, 52.8453,
33.4656

354.0705,
397.6913, 332.4387

■ 30.9689, 37.6793,
22.2093

■ 80.6543, 94.3767,
66.2261

■ 20.7268, 25.7339,
13.8110

■ 104.7537,
121.5109, 88.5675

■ 13.0358, 16.6247,
7.8521

133.2309,
153.4032, 115.4409

■ 7.5304, 9.9672,
3.9140

166.4512,
190.4381, 147.2650

■ 3.8452, 5.3772,
1.5783

204.7800,
233.0000, 184.4583

■ 1.6149, 2.4703,
0.2753

248.5825,

■ 0.4021, 0.8617,

281.4732, 227.4393

0.0000

298.2243,
336.2422, 276.6266

■ 0.0000, 0.0000,
0.0000

■ 44.1272, 52.8453,
33.4656

■ 44.1272, 52.8453,
33.4656

■ 41.1285, 51.4593,
26.1778

■ 47.4860, 54.3891,
42.1789

■ 38.4701, 50.2176,
20.2360

■ 51.2156, 56.0897,
52.3846

■ 36.1363, 49.1155,
15.5584

■ 55.3310, 57.9552,
64.1494

■ 34.1081, 48.1455,
12.0527

■ 59.8451, 59.9907,
77.5351

■ 32.3642, 47.2986,
9.6142

■ 64.7703, 62.2014,
92.6001

■ 30.8797, 46.5649,
8.1194

■ 68.9697, 64.1326,
103.3515

■ 29.6139, 45.9278,
7.3615

■ 71.2421, 65.3041,
103.4578

■ 29.4941, 45.8673,
7.2988

■ 73.6111, 66.5254,
103.5687

■ 76.0778, 67.7970,
103.6841

Harmonies

Analogous

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



49.6976, 52.8453, 29.9112



44.1272, 52.8453, 33.4656



40.4479, 52.8453, 43.3139

Triad

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



44.1272, 52.8453, 33.4656



44.9781, 52.8453, 93.1289



62.9876, 52.8453, 56.0289

Complementary

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



44.1272, 52.8453, 33.4656



35.2047, 31.3041, 58.8334

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.



61.4694, 52.8453, 74.5817



44.1272, 52.8453, 33.4656



50.7619, 52.8453, 98.4223

Square

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



44.1272, 52.8453, 33.4656



40.9103, 52.8453, 77.7641



56.8664, 52.8453, 91.0438



60.8626, 52.8453, 41.1660

Rectangle

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



44.1272, 52.8453, 33.4656



39.3933, 52.8453, 53.2770



56.8664, 52.8453, 91.0438



62.8865, 52.8453, 62.0236

Sweetspot

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



44.1286, 52.8476, 33.4667



88.5808, 97.0667, 90.4482



41.6771, 40.1806, 31.1510



18.7474, 20.6796, 18.7668



0.0000, 0.0000, 0.0000



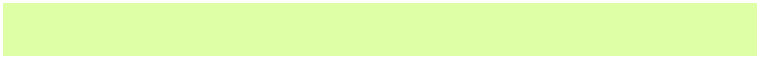
20.3446, 21.4041, 23.3091

Same Dimension

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



44.1286, 52.8476, 33.4667



72.9530, 89.9012, 49.4639



38.2454, 49.8147, 33.1914



11.1370, 12.2176, 11.3340



18.8534, 29.2146, 4.6453



0.9700, 1.4231, 0.2236

Inverse Universe

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



35.2047, 31.3041, 58.8334



54.9479, 46.4169, 100.6710



41.6617, 34.6328, 59.1356



10.4132, 10.4713, 13.3898



8.4383, 3.5844, 34.9915



0.4788, 0.2106, 1.6606

Previews

White Background



This preview shows how the XYZ color 44.1272, 52.8453, 33.4656 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 44.1272, 52.8453, 33.4656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

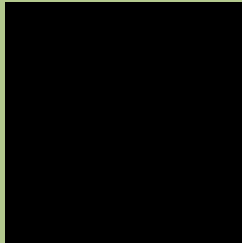
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.1272, 52.8453, 33.4656

Background



This preview shows how black text looks on a background with the XYZ color 44.1272, 52.8453, 33.4656.



This preview shows how white text looks on a background with the XYZ color 44.1272, 52.8453,

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

44.1272, 52.8453, 33.4656

Protanopia

49.1692, 52.7996, 31.6446

Deuteranopia

53.6154, 52.4941, 34.0946



Tritanopia

50.8512, 52.8956, 66.5612

Trichromacy



Original Color

44.1272, 52.8453, 33.4656

Protanomaly

47.2013, 52.7646, 32.1229

Deuteranomaly

49.7420, 52.3958, 33.8773

Tritanomaly

48.0699, 52.7634, 52.4505

Monochromacy



Original Color

44.1272, 52.8453, 33.4656

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.9675, 50.8299, 45.9165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1272, 52.8453, 33.4656 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(179, 200, 142)` looks like.

```
.text, #text, p{  
    color:rgb(179, 200, 142)  
}
```

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(179, 200, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 200, 142) }
```

Border

The CSS property to change the border of an element to XYZ 44.1272, 52.8453, 33.4656 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(179, 200, 142) }
```


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

```
.border{ border-color:rgb(179, 200, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 200, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 200, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 200, 142);  
box-shadow:4px 4px 4px 4px rgb(179, 200,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1272, 52.8453, 33.4656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 200, 142) }
```

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

```
.background{ background-color: rgb(179,  
200, 142) }
```

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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