

Converting Colors

XYZ(38.0435, 44.2763, 28.0138)

Have a look what the booklet for
XYZ(38.0435, 44.2763, 28.0138)
contains.

XYZ(38.0435, 44.2763, 28.0138)	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(38.0435, 44.2763,
28.0138)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB783
RGB	172, 183, 131
RGB Percent	67%, 72%, 51%
CMY	0.3255, 0.2823, 0.4863
CMYK	0.06, 0.00, 0.28, 0.28
HSL	73°, 27%, 62%
HSV	73°, 28%, 72%
XYZ	38.0435, 44.2763, 28.0138
YIQ	173.7830, 10.1360, -18.5040

Conversions

Conversions Part 2

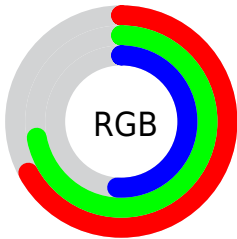
Format	Color
RYB	131, 183, 142
Decimal	11319171
CIELab	72.41, -12.61, 25.23
CIELCh	72, 28.206, 116.548
Yxy	44.2763, 0.3448, 0.4013
Android (android.graphics.Color)	4289509251 (0xFFACB783)
YUV	173.7830, -21.0920, -1.5637
Hunter-Lab	66.5404, -14.3911, 21.6170

Details

The XYZ color **38.0435, 44.2763, 28.0138** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.8205, 25.4034, 48.2392**, and the grayscale version is **40.2229, 42.3176, 46.0838**.

A 20% lighter version of the original color is **71.5131, 81.6877, 57.3456**, and **17.0756, 20.4813, 10.8379** is the 20% darker color. If you saturate the color by 10%, you get **36.0740, 43.3932, 22.0092**, and if you desaturate by 10%, it is **40.2592, 45.2637, 35.1753**.

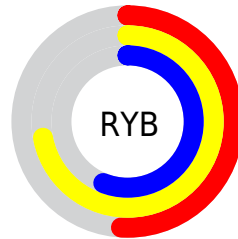
Distribution



Red (67%)

Green (72%)

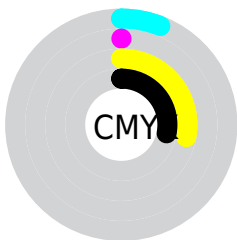
Blue (51%)



Red (51%)

Yellow (72%)

Blue (56%)

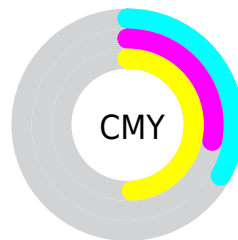


Cyan (6%)

Magenta (0%)

Yellow (28%)

Black (28%)



Cyan (33%)


Magenta (28%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0435, 44.2763, 28.0138 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 38.0435, 44.2763, 28.0138 by changing the saturation by 10% instead.


 38.0435, 44.2763,
28.0138


 38.0435, 44.2763,
28.0138


329.0842,
363.8346, 306.4469


 26.1938, 30.8878,
18.0969


 71.4783, 81.6333,
57.5298

 17.1021, 20.5134,
10.8494


 93.7941, 106.3707,
77.9661

 10.4031, 12.7688,
5.8528

 120.3293,
135.6597, 102.7459

 5.7313, 7.2695,
2.6884

151.4493,
169.8849, 132.2878

 2.7215, 3.6312,
0.9376

187.5194,
209.4305, 167.0102

 1.0083, 1.4695,
0.0000

228.9051,

 0.0000, 0.2671,

254.6811, 207.3319

0.0000

275.9715,
306.0210, 253.6713

■ 0.0000, 0.0000,
0.0000

■ 38.0435, 44.2763,
28.0138

■ 38.0435, 44.2763,
28.0138

■ 36.0740, 43.3932,
22.0092

■ 40.2592, 45.2637,
35.1753

■ 34.3355, 42.6039,
17.0979

■ 42.7285, 46.3539,
43.5472

■ 32.8164, 41.9052,
13.2147

■ 45.4627, 47.5531,
53.1829

■ 31.5024, 41.2913,
10.2860

■ 48.4716, 48.8649,
64.1320

■ 30.3777, 40.7558,
8.2287

■ 51.7641, 50.2932,
76.4412

■ 29.4234, 40.2913,
6.9454

■ 55.3488, 51.8414,
90.1552

■ 28.6086, 39.8852,
6.2740

■ 58.5661, 53.2456,
101.7984

■ 28.4850, 39.8234,
6.1854

■ 59.6075, 53.7825,
101.8471

■ 60.6753, 54.3329,
101.8971

Harmonies

Analogous

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



42.6484, 44.2763, 26.1267



38.0435, 44.2763, 28.0138



34.7585, 44.2763, 34.9111

Triad

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



38.0435, 44.2763, 28.0138



37.1397, 44.2763, 74.1622



52.1167, 44.2763, 49.8386

Complementary

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



38.0435, 44.2763, 28.0138



27.8205, 25.4034, 48.2392

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.



50.3710, 44.2763, 64.5169



38.0435, 44.2763, 28.0138



41.5232, 44.2763, 80.1597

Square

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



38.0435, 44.2763, 28.0138



34.2655, 44.2763, 61.1868



46.3994, 44.2763, 76.3301



51.0079, 44.2763, 37.2103

Rectangle

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



38.0435, 44.2763, 28.0138



33.6339, 44.2763, 42.2481



46.3994, 44.2763, 76.3301



51.8411, 44.2763, 54.7065

Sweetspot

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



38.0446, 44.2783, 28.0147



76.1821, 82.8652, 76.8140



33.2107, 30.8752, 25.6825



16.6790, 18.2375, 16.4592



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.0446, 44.2783, 28.0147



65.9144, 78.3026, 43.3233



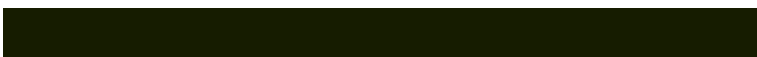
32.9927, 41.6739, 27.7783



9.5591, 10.4049, 9.6114



19.9294, 27.8103, 4.3175



0.7498, 1.0048, 0.1544

Inverse Universe

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



27.8205, 25.4034, 48.2392



44.6460, 39.0253, 85.4152



32.6860, 27.9117, 48.4669



8.6940, 8.8086, 11.3214



6.5872, 2.7070, 31.4284



0.2845, 0.1224, 1.1104

Previews

White Background



This preview shows how the XYZ color 38.0435, 44.2763, 28.0138 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 38.0435, 44.2763, 28.0138 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 38.0435, 44.2763, 28.0138

Background



This preview shows how black text looks on a background with the XYZ color 38.0435, 44.2763, 28.0138.



This preview shows how white text looks on a background with the XYZ color 38.0435, 44.2763,

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

38.0435, 44.2763, 28.0138

Protanopia

41.1043, 44.0792, 26.7638

Deuteranopia

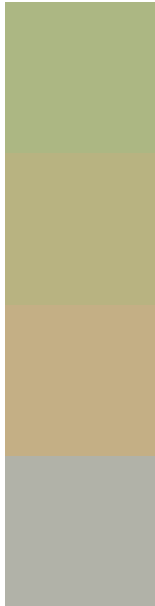
44.9723, 44.0260, 28.6818



Tritanopia

43.3377, 44.0374, 54.3600

Trichromacy



Original Color

38.0435, 44.2763, 28.0138

Protanomaly

39.8497, 44.0155, 27.1644

Deuteranomaly

42.3286, 44.0892, 28.4694

Tritanomaly

41.1197, 44.0151, 43.3743

Monochromacy



Original Color

38.0435, 44.2763, 28.0138

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.1273, 42.7971, 38.5462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0435, 44.2763, 28.0138 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(172, 183, 131)` looks like.

```
.text, #text, p{  
    color:rgb(172, 183, 131)  
}
```

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(172, 183, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 183, 131) }
```

Border

The CSS property to change the border of an element to XYZ 38.0435, 44.2763, 28.0138 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(172, 183, 131) }
```


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

```
.border{ border-color:rgb(172, 183, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 183, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 183, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 183, 131);  
box-shadow:4px 4px 4px 4px rgb(172, 183,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0435, 44.2763, 28.0138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 183, 131) }
```

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

```
.background{ background-color: rgb(172,  
183, 131) }
```

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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