

Converting Colors

XYZ(41.0325, 44.0471, 26.4124)

Have a look what the booklet for
XYZ(41.0325, 44.0471, 26.4124)
contains.

XYZ(41.0388, 44.0530, 26.4188)	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(41.0388, 44.0530,
26.4188)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB17F
RGB	191, 177, 127
RGB Percent	75%, 69%, 50%
CMY	0.2510, 0.3059, 0.5020
CMYK	0.00, 0.07, 0.34, 0.25
HSL	47°, 33%, 62%
HSV	47°, 34%, 75%
XYZ	41.0388, 44.0530, 26.4188
YIQ	175.4860, 24.3940, -12.5820

Conversions

Conversions Part 2

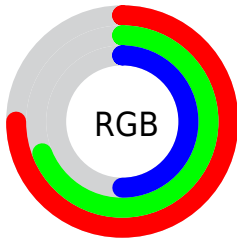
Format	Color
RYB	145, 191, 127
Decimal	12562815
CIELab	72.26, -2.54, 27.44
CIELCh	72, 27.554, 95.284
Yxy	44.0530, 0.3680, 0.3951
Android (android.graphics.Color)	4290752895 (0xFFBFB17F)
YUV	175.4860, -23.9036, 13.6058
Hunter-Lab	66.3724, -5.7833, 22.8610

Details

The XYZ color **41.0388, 44.0530, 26.4188** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.6811, 27.3226, 53.1051**, and the grayscale version is **41.1118, 43.2528, 47.1023**.

A 20% lighter version of the original color is **76.0885, 81.5296, 54.9065**, and **18.9897, 20.5214, 9.9813** is the 20% darker color. If you saturate the color by 10%, you get **39.0981, 41.9783, 20.2019**, and if you desaturate by 10%, it is **43.2430, 46.2766, 33.8888**.

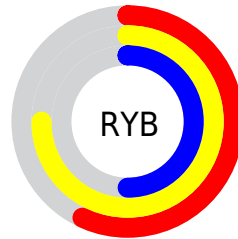
Distribution



Red (75%)

Green (69%)

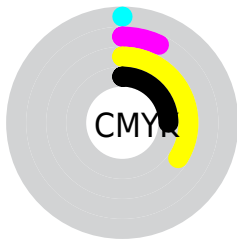
Blue (50%)



Red (57%)

Yellow (75%)

Blue (50%)

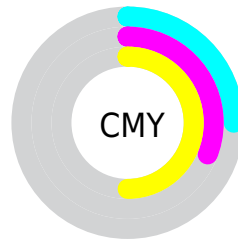


Cyan (0%)

Magenta (7%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (31%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0388, 44.0530, 26.4188 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 41.0388, 44.0530, 26.4188 by changing the saturation by 10% instead.


 41.0388, 44.0530,
26.4188


 41.0388, 44.0530,
26.4188


341.5426,
362.9245, 298.5026


 28.5372, 30.7122,
16.9086


 76.0171, 81.2975,
54.9422

 18.8735, 20.3798,
10.0081


 99.2246, 105.9699,
74.7924

 11.6824, 12.6714,
5.2987


 126.7313,
135.1884, 98.9265

 6.5984, 7.2027,
2.3618

158.9028,
169.3373, 127.7629

 3.2563, 3.5892,
0.7655

196.1043,
208.8009, 161.7202

 1.2907, 1.4465,
0.0000

238.7012,

 0.1763, 0.2506,

253.9637, 201.2168

0.0000

287.0588,
305.2101, 246.6714

■ 0.0000, 0.0000,
0.0000

■ 41.0388, 44.0530,
26.4188

■ 41.0388, 44.0530,
26.4188

■ 39.0981, 41.9783,
20.2019

■ 43.2430, 46.2766,
33.8888

■ 37.4040, 40.0408,
15.1648

■ 45.7199, 48.6485,
42.6741

■ 35.9426, 38.2360,
11.2310

■ 48.4823, 51.1757,
52.8361

■ 34.6972, 36.5569,
8.3136

■ 51.5411, 53.8629,
64.4314

■ 33.6487, 34.9956,
6.3126

■ 54.9068, 56.7147,
77.5136

■ 32.7740, 33.5424,
5.1078

■ 58.5891, 59.7352,
92.1333

■ 32.2701, 32.6449,
4.6003

■ 61.6656, 62.5558,
103.4321

■ 62.6861, 64.5969,
103.7723

■ 63.7336, 66.6918,
104.1214

Harmonies

Analogous

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



45.7912, 44.0530, 27.9778



41.0388, 44.0530, 26.4188



36.8328, 44.0530, 29.6866

Triad

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



41.0388, 44.0530, 26.4188



34.8752, 44.0530, 64.6450



50.6908, 44.0530, 59.7056

Complementary

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



41.0388, 44.0530, 26.4188



27.6811, 27.3226, 53.1051

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.



47.3490, 44.0530, 72.5328



41.0388, 44.0530, 26.4188



38.1813, 44.0530, 75.7401

Square

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



41.0388, 44.0530, 26.4188



33.4498, 44.0530, 50.4059



42.7145, 44.0530, 78.8686



51.5989, 44.0530, 45.6065

Rectangle

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



41.0388, 44.0530, 26.4188



34.8294, 44.0530, 34.6055



42.7145, 44.0530, 78.8686



49.8031, 44.0530, 64.3871

Sweetspot

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



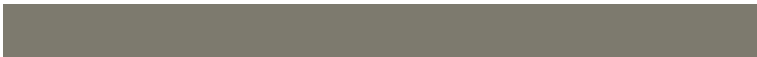
41.0399, 44.0550, 26.4197



83.4833, 88.6139, 82.2444



33.9531, 28.2066, 29.2204



18.1814, 19.3195, 17.5101



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.



41.0399, 44.0550, 26.4197



70.9778, 76.2262, 39.1596



39.9026, 47.7851, 27.1996



10.1404, 10.7568, 10.1185



21.2687, 21.5762, 3.0436



0.8778, 0.9346, 0.1341

Inverse Universe

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



27.6811, 27.3226, 53.1051



43.5130, 41.8380, 94.0613



28.5071, 24.8762, 52.5894



9.1812, 9.5546, 12.0325



6.7687, 3.6492, 32.7405



0.3147, 0.2421, 1.2990

Previews

White Background



This preview shows how the XYZ color 41.0388, 44.0530, 26.4188 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 41.0388, 44.0530, 26.4188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

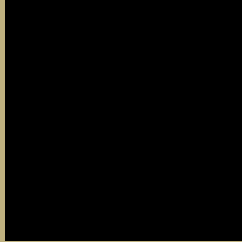
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0388, 44.0530, 26.4188

Background



This preview shows how black text looks on a background with the XYZ color 41.0388, 44.0530, 26.4188.



This preview shows how white text looks on a background with the XYZ color 41.0388, 44.0530,

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

41.0388, 44.0530, 26.4188

Protanopia

41.0388, 44.0530, 26.4188

Deuteranopia

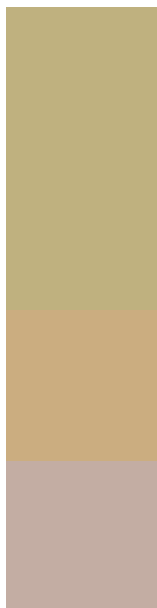
44.9155, 44.0361, 26.9014



Tritanopia

45.9479, 44.0387, 50.8783

Trichromacy



Original Color

41.0388, 44.0530, 26.4188

Protanomaly

41.0388, 44.0530, 26.4188

Deuteranomaly

43.4685, 44.1422, 26.6513

Tritanomaly

44.0601, 44.1336, 40.8467

Monochromacy



Original Color

41.0388, 44.0530, 26.4188

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.7529, 43.3430, 38.5659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0388, 44.0530, 26.4188 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(191, 177, 127)` looks like.

```
.text, #text, p{  
    color:rgb(191, 177, 127)  
}
```

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(191, 177, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 177, 127) }
```

Border

The CSS property to change the border of an element to XYZ 41.0388, 44.0530, 26.4188 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(191, 177, 127) }
```


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

```
.border{ border-color:rgb(191, 177, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 177, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 177, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 177, 127);  
box-shadow:4px 4px 4px 4px rgb(191, 177,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0388, 44.0530, 26.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 177, 127) }
```

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

```
.background{ background-color: rgb(191,  
177, 127) }
```

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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