

Converting Colors

XYZ(41.2071, 51.6275, 26.8644)

Have a look what the booklet for
XYZ(41.2071, 51.6275, 26.8644)
contains.

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Color

**XYZ(41.0870, 51.4217,
26.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC87C
RGB	171, 200, 124
RGB Percent	67%, 78%, 49%
CMY	0.3294, 0.2157, 0.5137
CMYK	0.15, 0.00, 0.38, 0.22
HSL	83°, 41%, 64%
HSV	83°, 38%, 78%
XYZ	41.0870, 51.4217, 26.8287
YIQ	182.6650, 7.1120, -29.7840

Conversions

Conversions Part 2

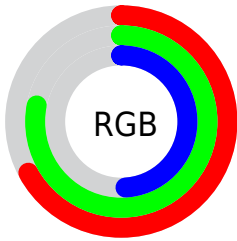
Format	Color
RYB	124, 200, 153
Decimal	11257980
CIELab	76.93, -22.52, 34.85
CIElCh	77, 41.489, 122.871
Yxy	51.4217, 0.3443, 0.4309
Android (android.graphics.Color)	4289448060 (0xFFABC87C)
YUV	182.6650, -28.9218, -10.2302
Hunter-Lab	71.7089, -23.2156, 28.0139

Details

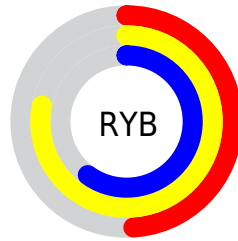
The XYZ color **41.0870, 51.4217, 26.8287** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.7719, 25.3592, 57.9194**, and the grayscale version is **44.9780, 47.3204, 51.5319**.

A 20% lighter version of the original color is **75.3744, 91.0252, 55.1919**, and **18.8510, 24.8341, 10.2785** is the 20% darker color. If you saturate the color by 10%, you get **38.3338, 50.1356, 20.7539**, and if you desaturate by 10%, it is **44.1953, 52.8644, 34.2612**.

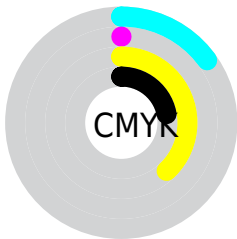
Distribution



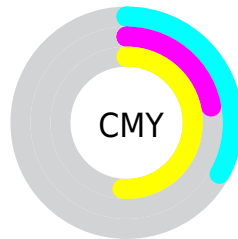
- Red (67%)
- Green (78%)
- Blue (49%)



- Red (49%)
- Yellow (78%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (38%)
- Black (22%)





- Cyan (33%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0870, 51.4217, 26.8287 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 41.0870, 51.4217, 26.8287 by changing the saturation by 10% instead.


 41.0870, 51.4217,
26.8287


 41.0870, 51.4217,
26.8287


341.7405,
392.2000, 300.5606

 28.5750, 36.5443,
17.2133


 76.0898, 92.2778,
55.6093

 18.9022, 24.8549,
10.2231

 99.3114, 119.0253,
75.6115

 11.7033, 15.9690,
5.4396


 126.8335,
150.4984, 99.9131

 6.6127, 9.5022,
2.4442

159.0216,
187.0813, 128.9327

 3.2653, 5.0702,
0.8104

196.2410,
229.1585, 163.0886

 1.2955, 2.2885,
0.0000

238.8570,

 0.1799, 0.7676,

277.1145, 202.7996

0.0000

287.2351,
331.3335, 248.4841

■ 0.0000, 0.0000,
0.0000

■ 41.0870, 51.4217,
26.8287

■ 41.0870, 51.4217,
26.8287

■ 38.3338, 50.1356,
20.7539

■ 44.1953, 52.8644,
34.2612

■ 35.9148, 48.9923,
15.9514

■ 47.6708, 54.4636,
43.1235

■ 33.8121, 47.9863,
12.3308


■ 51.5295, 56.2274,
53.4865

■ 32.0046, 47.1089,
9.7890


■ 55.7853, 58.1617,
65.4155


■ 30.4674, 46.3500,
8.2048


■ 60.4513, 60.2719,
78.9718

 29.1647, 45.6949,
7.3977

 65.5400, 62.5631,
94.2136

 28.9211, 45.5719,
7.2719

 69.5789, 64.4466,
103.3800

 72.0040, 65.6968,
103.4935

 74.5367, 67.0024,
103.6120

Harmonies

Analogous

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



48.1180, 51.4217, 22.8166



41.0870, 51.4217, 26.8287



36.5667, 51.4217, 38.4067

Triad

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



41.0870, 51.4217, 26.8287



42.2718, 51.4217, 104.3025



65.6651, 51.4217, 53.8390

Complementary

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



41.0870, 51.4217, 26.8287



30.7719, 25.3592, 57.9194

Split Complementary

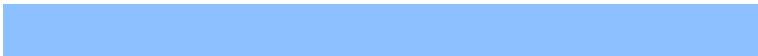
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.6745, 51.4217, 78.2555



41.0870, 51.4217, 26.8287



49.6395, 51.4217, 111.6293

Square

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



41.0870, 51.4217, 26.8287



37.1973, 51.4217, 83.0681



57.5893, 51.4217, 101.0387



62.7714, 51.4217, 35.5458

Rectangle

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



41.0870, 51.4217, 26.8287



35.3014, 51.4217, 50.7637



57.5893, 51.4217, 101.0387



65.5455, 51.4217, 61.5622

Sweetspot

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



41.0883, 51.4240, 26.8298



87.0291, 96.3493, 86.6472



38.6660, 36.1495, 24.0092



18.4289, 20.5318, 18.0090



0.0000, 0.0000, 0.0000



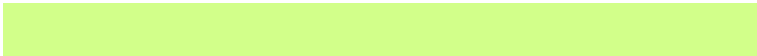
20.3446, 21.4041, 23.3091

Same Dimension

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



41.0883, 51.4240, 26.8298



66.9713, 87.0826, 37.2099



34.1468, 47.8455, 26.5049



11.1167, 12.2071, 11.3331



18.4905, 29.0275, 4.6283



0.9544, 1.4151, 0.2228

Inverse Universe

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



30.7719, 25.3592, 57.9194



46.4967, 35.3127, 98.9731



38.8368, 29.5168, 58.2968



10.4329, 10.4814, 13.3907



8.6330, 3.6847, 35.0006



0.4892, 0.2159, 1.6610

Previews

White Background



This preview shows how the XYZ color 41.0870, 51.4217, 26.8287 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 41.0870, 51.4217, 26.8287 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

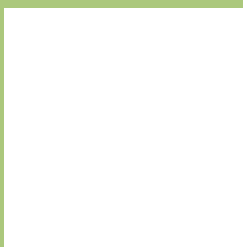
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0870, 51.4217, 26.8287

Background



This preview shows how black text looks on a background with the XYZ color 41.0870, 51.4217, 26.8287.



This preview shows how white text looks on a background with the XYZ color 41.0870, 51.4217,

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



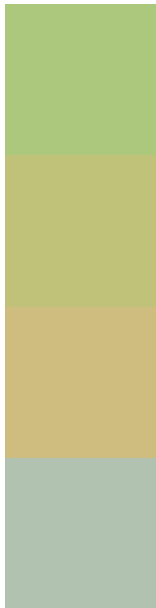
Original Color
41.0870, 51.4217, 26.8287
Protanopia
47.2572, 51.3048, 25.1814
Deuteranopia
52.0987, 50.9372, 27.5080



Tritanopia

48.7243, 51.1798, 65.0682

Trichromacy



Original Color

41.0870, 51.4217, 26.8287

Protanomaly

44.7353, 51.3015, 25.6335

Deuteranomaly

47.5461, 50.7641, 27.3712

Tritanomaly

45.4884, 51.1831, 48.5561

Monochromacy



Original Color

41.0870, 51.4217, 26.8287

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.3096, 48.5875, 41.2781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0870, 51.4217, 26.8287 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(171, 200, 124)` looks like.

```
.text, #text, p{  
    color:rgb(171, 200, 124)  
}
```

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(171, 200, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 200, 124) }
```

Border

The CSS property to change the border of an element to XYZ 41.0870, 51.4217, 26.8287 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(171, 200, 124) }
```


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

```
.border{ border-color:rgb(171, 200, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 200, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 200, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 200, 124);  
box-shadow:4px 4px 4px 4px rgb(171, 200,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0870, 51.4217, 26.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 200, 124) }
```

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

```
.background{ background-color: rgb(171,  
200, 124) }
```

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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