

Converting Colors

XYZ(41.3494, 48.5171, 42.7843)

Have a look what the booklet for
XYZ(41.3494, 48.5171, 42.7843)
contains.

XYZ(41.3671, 48.5229, 42.7829)	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(41.3671, 48.5229,
42.7829)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C0A5
RGB	166, 192, 165
RGB Percent	65%, 75%, 65%
CMY	0.3490, 0.2470, 0.3529
CMYK	0.14, 0.00, 0.14, 0.25
HSL	118°, 18%, 70%
HSV	118°, 14%, 75%
XYZ	41.3671, 48.5229, 42.7829
YIQ	181.1480, -6.8290, -13.9090

Conversions

Conversions Part 2

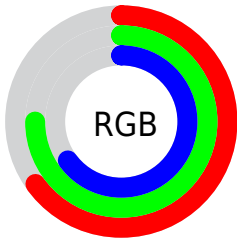
Format	Color
RYB	165, 192, 191
Decimal	10928293
CIELab	75.15, -13.99, 10.67
CIELCh	75, 17.595, 142.653
Yxy	48.5229, 0.3118, 0.3657
Android (android.graphics.Color)	4289118373 (0xFFA6C0A5)
YUV	181.1480, -7.9610, -13.2848
Hunter-Lab	69.6584, -15.8987, 12.3460

Details

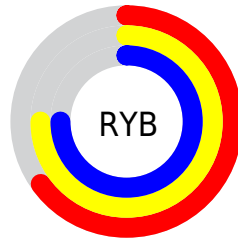
The XYZ color **41.3671, 48.5229, 42.7829** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.4573, 41.7938, 55.5955**, and the grayscale version is **44.0465, 46.3404, 50.4647**.

A 20% lighter version of the original color is **76.3045, 87.6743, 80.6113**, and **19.0085, 22.9466, 19.0501** is the 20% darker color. If you saturate the color by 10%, you get **36.1480, 46.0208, 34.0908**, and if you desaturate by 10%, it is **47.4085, 51.4214, 52.8851**.

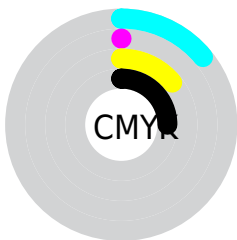
Distribution



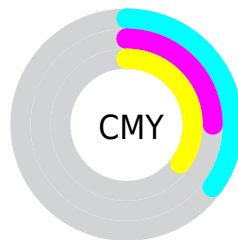
- Red (65%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3671, 48.5229, 42.7829 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 41.3671, 48.5229, 42.7829 by changing the saturation by 10% instead.


 41.3671, 48.5229,
42.7829


 41.3671, 48.5229,
42.7829


342.8890,
380.8610, 373.6131

 28.7950, 34.2412,
29.3847


 76.5120, 87.9824,
80.6660

 19.0693, 23.0789,
19.1239

 99.8156, 113.9290,
105.9879

 11.8247, 14.6518,
11.5821


127.4270,
144.5327, 136.1215

 6.6957, 8.5754,
6.3408

159.7115,
180.1779, 171.4853

 3.3172, 4.4653,
2.9813

197.0347,
221.2489, 212.4978

 1.3236, 1.9371,
1.0851

239.7617,

 0.2008, 0.5705,

268.1301, 259.5776

0.0000

288.2581,
321.2061, 313.1432

■ 0.0000, 0.0000,
0.0000

■ 41.3671, 48.5229,
42.7829

■ 41.3671, 48.5229,
42.7829

■ 36.1480, 46.0208,
34.0908

■ 47.4085, 51.4214,
52.8851

■ 31.7120, 43.8919,
26.7431

■ 54.3014, 54.7259,
64.4529

■ 28.0224, 42.1204,
20.6737

■ 62.0785, 58.4535,
77.5424

■ 25.0383, 40.6866,
15.8096

■ 70.7695, 62.6183,
92.2062

■ 22.7145, 39.5690,
12.0705

■ 78.1406, 66.1812,
103.2635

■ 21.0010, 38.7438,
9.3663

■ 19.8404, 38.1835,
7.5932

■ 19.1644, 37.8557,
6.6256

■ 18.9396, 37.7470,
6.2877

Harmonies

Analogous

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



43.7741, 48.5229, 38.0908



41.3671, 48.5229, 42.7829



40.2433, 48.5229, 50.5964

Triad

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



41.3671, 48.5229, 42.7829



45.3318, 48.5229, 72.4591



52.0772, 48.5229, 46.2891

Complementary

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



41.3671, 48.5229, 42.7829



44.4573, 41.7938, 55.5955

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.



52.5417, 48.5229, 55.1350



41.3671, 48.5229, 42.7829



48.5474, 48.5229, 70.9596

Square

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



41.3671, 48.5229, 42.7829



42.4620, 48.5229, 68.2330



51.2227, 48.5229, 64.3457



49.9814, 48.5229, 39.9445

Rectangle

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



41.3671, 48.5229, 42.7829



40.3343, 48.5229, 56.8163



51.2227, 48.5229, 64.3457



52.4332, 48.5229, 49.0407

Sweetspot

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



41.3684, 48.5250, 42.7840



85.8968, 93.1679, 95.8193



47.0865, 51.0346, 42.9670



18.2379, 19.8966, 20.2384



92.9021, 97.7402, 106.4391



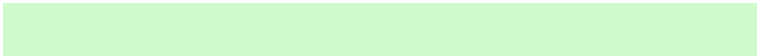
19.4759, 20.4902, 22.3138

Same Dimension

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



41.3684, 48.5250, 42.7840



71.7597, 86.3883, 72.1916



42.3190, 48.8811, 48.8794



9.9782, 11.2762, 10.7125



12.7582, 25.4060, 4.2314



0.5634, 1.1040, 0.1834

Inverse Universe

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



44.4573, 41.7938, 55.5955



78.4811, 71.7401, 100.0711



43.4180, 41.4072, 48.8056



10.4592, 10.2279, 12.7078



19.8627, 9.5000, 34.3434



0.8699, 0.4165, 1.4844

Previews

White Background



This preview shows how the XYZ color 41.3671, 48.5229, 42.7829 looks on a white background.

Color Contrast Check

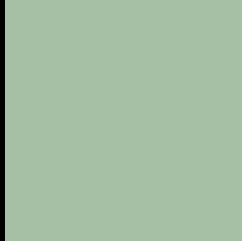
Large Text (above 18pt) WCAG AA × Fail

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 41.3671, 48.5229, 42.7829 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 41.3671, 48.5229, 42.7829

Background



This preview shows how black text looks on a background with the XYZ color 41.3671, 48.5229, 42.7829.



This preview shows how white text looks on a background with the XYZ color 41.3671, 48.5229,

42.7829.

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

41.3671, 48.5229, 42.7829

Protanopia

45.5658, 48.1916, 40.6186

Deuteranopia

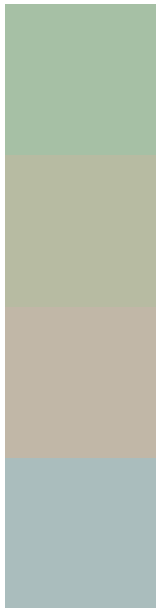
49.2828, 48.2233, 43.7563



Tritanopia

45.4443, 48.5756, 62.8580

Trichromacy



Original Color

41.3671, 48.5229, 42.7829

Protanomaly

43.8204, 48.2166, 41.1796

Deuteranomaly

45.9009, 47.9944, 43.4038

Tritanomaly

43.9605, 48.6154, 55.2109

Monochromacy



Original Color

41.3671, 48.5229, 42.7829

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.9913, 47.0232, 47.3679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3671, 48.5229, 42.7829 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(166, 192, 165)` looks like.

```
.text, #text, p{  
    color:rgb(166, 192, 165)  
}
```

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(166, 192, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 192, 165) }
```

Border

The CSS property to change the border of an element to XYZ 41.3671, 48.5229, 42.7829 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(166, 192, 165) }
```


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

```
.border{ border-color:rgb(166, 192, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 192, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 192, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 192, 165);  
box-shadow:4px 4px 4px 4px rgb(166, 192,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3671, 48.5229, 42.7829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 192, 165) }
```

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

```
.background{ background-color: rgb(166,  
192, 165) }
```

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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