

Converting Colors

XYZ(41.7347, 48.1242, 43.1062)

Have a look what the booklet for
XYZ(41.7347, 48.1242, 43.1062)
contains.

XYZ(41.6586, 48.0151, 43.1486)	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(41.6586, 48.0151,
43.1486)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BEA6
RGB	169, 190, 166
RGB Percent	66%, 75%, 65%
CMY	0.3373, 0.2549, 0.3490
CMYK	0.11, 0.00, 0.13, 0.25
HSL	113°, 16%, 70%
HSV	113°, 13%, 75%
XYZ	41.6586, 48.0151, 43.1486
YIQ	180.9850, -4.8120, -11.9160

Conversions

Conversions Part 2

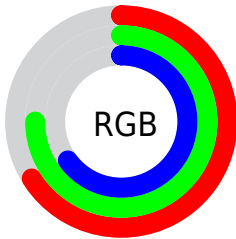
Format	Color
RYB	166, 190, 187
Decimal	11124390
CIELab	74.83, -11.72, 9.71
CIELCh	75, 15.222, 140.376
Yxy	48.0151, 0.3136, 0.3615
Android (android.graphics.Color)	4289314470 (0xFFA9BEA6)
YUV	180.9850, -7.3876, -10.5108
Hunter-Lab	69.2929, -13.9492, 11.5853

Details

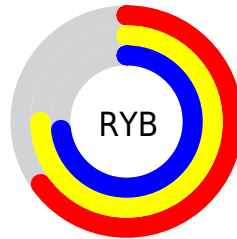
The XYZ color **41.6586, 48.0151, 43.1486** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4259, 41.5563, 54.4500**, and the grayscale version is **43.9545, 46.2436, 50.3593**.

A 20% lighter version of the original color is **76.7474, 86.9793, 81.1503**, and **19.3190, 22.8881, 19.3192** is the 20% darker color. If you saturate the color by 10%, you get **36.7002, 45.6471, 34.4807**, and if you desaturate by 10%, it is **47.3308, 50.7241, 53.1962**.

Distribution



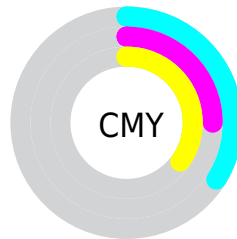
- Red (66%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (73%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)





- Cyan (34%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6586, 48.0151, 43.1486 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 41.6586, 48.0151, 43.1486 by changing the saturation by 10% instead.


 41.6586, 48.0151,
43.1486


 41.6586, 48.0151,
43.1486


344.0815,
378.8520, 375.1617

 29.0240, 33.8388,
29.6695


 76.9511, 87.2269,
81.2238

 19.2434, 22.7698,
19.3379


 100.3397,
113.0312, 106.6570

 11.9513, 14.4236,
11.7354

128.0436,
143.4803, 136.9119

 6.7825, 8.4159,
6.4434

160.4283,
178.9587, 172.4071

 3.3716, 4.3622,
3.0434

197.8591,
219.8506, 213.5611

 1.3532, 1.8782,
1.1169

240.7013,

 0.2225, 0.5352,

266.5405, 260.7926

0.0000

289.3203,
319.4129, 314.5199

■ 0.0000, 0.0000,
0.0000

■ 41.6586, 48.0151,
43.1486

■ 41.6586, 48.0151,
43.1486

■ 36.7002, 45.6471,
34.4807

■ 47.3308, 50.7241,
53.1962

■ 32.4234, 43.6006,
27.1292

■ 53.7394, 53.7804,
64.6765

■ 28.7994, 41.8636,
21.0307

■ 60.9110, 57.1979,
77.6440

■ 25.7959, 40.4209,
16.1152

■ 68.8698, 60.9880,
92.1490

■ 23.3777, 39.2561,
12.3062

■ 76.6566, 64.7686,
103.0691

■ 21.5059, 38.3509,
9.5177

■ 77.7044, 65.3088,
103.1181

■ 20.1372, 37.6852,
7.6514

■ 19.2210, 37.2354,
6.5895

■ 18.7851, 37.0199,
6.1555

Harmonies

Analogous

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



43.8086, 48.0151, 39.2526



41.6586, 48.0151, 43.1486



40.5876, 48.0151, 49.7730

Triad

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



41.6586, 48.0151, 43.1486



44.7528, 48.0151, 68.7960



50.8107, 48.0151, 47.1502

Complementary

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



41.6586, 48.0151, 43.1486



43.4259, 41.5563, 54.4500

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.



51.0885, 48.0151, 54.8704



41.6586, 48.0151, 43.1486



47.5154, 48.0151, 67.9121

Square

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



41.6586, 48.0151, 43.1486



42.3258, 48.0151, 64.9229



49.8608, 48.0151, 62.6172



49.1164, 48.0151, 41.3957

Rectangle

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



41.6586, 48.0151, 43.1486



40.5988, 48.0151, 55.0742



49.8608, 48.0151, 62.6172



51.0754, 48.0151, 49.5825

Sweetspot

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



41.6599, 48.0172, 43.1497



84.2136, 91.1742, 93.6304



45.8481, 49.1584, 43.1492



18.3135, 19.9356, 20.2420



92.9021, 97.7402, 106.4391



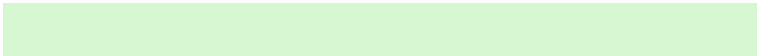
19.4759, 20.4902, 22.3138

Same Dimension

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



41.6599, 48.0172, 43.1497



73.0220, 85.8309, 73.8529



41.8591, 48.0233, 47.5191



9.5166, 10.7052, 10.1414



12.5275, 24.6340, 4.0946



0.5275, 0.9839, 0.1621

Inverse Universe

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



43.4259, 41.5563, 54.4500



76.8136, 71.9562, 98.1196



43.2341, 41.5652, 49.5697



9.8095, 9.6342, 12.0148



16.7180, 7.9045, 33.0375



0.6882, 0.3268, 1.2957

Previews

White Background



This preview shows how the XYZ color 41.6586, 48.0151, 43.1486 looks on a white background.

Color Contrast Check

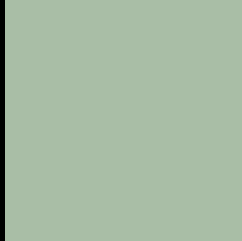
Large Text (above 18pt) WCAG AA × Fail

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 41.6586, 48.0151, 43.1486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

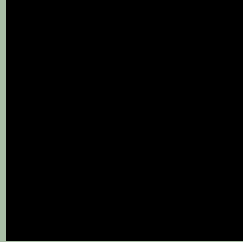
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6586, 48.0151, 43.1486

Background



This preview shows how black text looks on a background with the XYZ color 41.6586, 48.0151, 43.1486.



This preview shows how white text looks on a background with the XYZ color 41.6586, 48.0151,

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

41.6586, 48.0151, 43.1486

Protanopia

45.2826, 47.7178, 41.4741

Deuteranopia

48.6157, 47.5743, 44.1565



Tritanopia

45.2298, 47.8667, 61.4989

Trichromacy



Original Color

41.6586, 48.0151, 43.1486

Protanomaly

44.0269, 47.9885, 42.0642

Deuteranomaly

45.7882, 47.6205, 43.8242

Tritanomaly

43.8607, 47.9421, 54.5190

Monochromacy



Original Color

41.6586, 48.0151, 43.1486

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.1084, 46.7627, 47.8283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6586, 48.0151, 43.1486 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(169, 190, 166)` looks like.

```
.text, #text, p{  
    color:rgb(169, 190, 166)  
}
```

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(169, 190, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 190, 166) }
```

Border

The CSS property to change the border of an element to XYZ 41.6586, 48.0151, 43.1486 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(169, 190, 166) }
```


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

```
.border{ border-color:rgb(169, 190, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 190, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 190, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 190, 166);  
box-shadow:4px 4px 4px 4px rgb(169, 190,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6586, 48.0151, 43.1486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 190, 166) }
```

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

```
.background{ background-color: rgb(169,  
190, 166) }
```

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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