

Converting Colors

XYZ(41.2823, 47.9813, 43.3991)

Have a look what the booklet for
XYZ(41.2823, 47.9813, 43.3991)
contains.

XYZ(41.2396, 48.1218, 43.1913)	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(41.2396, 48.1218,
43.1913)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BFA6
RGB	166, 191, 166
RGB Percent	65%, 75%, 65%
CMY	0.3490, 0.2510, 0.3490
CMYK	0.13, 0.00, 0.13, 0.25
HSL	120°, 16%, 70%
HSV	120°, 13%, 75%
XYZ	41.2396, 48.1218, 43.1913
YIQ	180.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

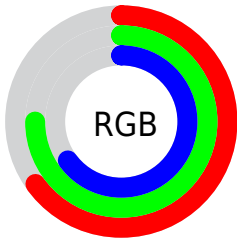
Format	Color
RYB	166, 191, 191
Decimal	10928038
CIELab	74.90, -13.29, 9.78
CIElCh	75, 16.499, 143.669
Yxy	48.1218, 0.3111, 0.3630
Android (android.graphics.Color)	4289118118 (0xFFA6BFA6)
YUV	180.6750, -7.2348, -12.8700
Hunter-Lab	69.3699, -15.2811, 11.6436

Details

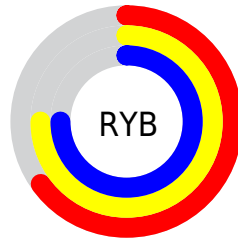
The XYZ color **41.2396, 48.1218, 43.1913** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.5277, 42.1114, 55.0738**, and the grayscale version is **43.7871, 46.0674, 50.1674**.

A 20% lighter version of the original color is **76.1307, 87.1141, 81.2088**, and **19.0652, 22.9693, 19.3483** is the 20% darker color. If you saturate the color by 10%, you get **35.9053, 45.5609, 34.4651**, and if you desaturate by 10%, it is **47.4315, 51.0975, 53.3180**.

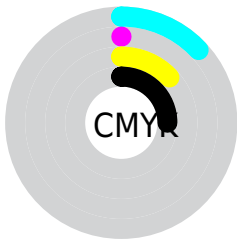
Distribution



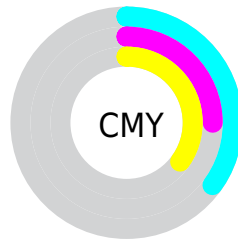
- Red (65%)
- Green (75%)
- Blue (65%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2396, 48.1218, 43.1913 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 41.2396, 48.1218, 43.1913 by changing the saturation by 10% instead.

■ 41.2396, 48.1218,
43.1913

■ 41.2396, 48.1218,
43.1913

342.3665,
379.2747, 375.3422

■ 28.6948, 33.9234,
29.7027

■ 76.3199, 87.3857,
81.2889

■ 18.9932, 22.8347,
19.3629

■ 99.5861, 113.2200,
106.7350

■ 11.7694, 14.4715,
11.7534

127.1569,
143.7017, 137.0041

■ 6.6579, 8.4493,
6.4555

159.3976,
179.2151, 172.5146

■ 3.2935, 4.3838,
3.0507

196.6736,
220.1447, 213.6851

■ 1.3108, 1.8905,
1.1206

239.3501,

■ 0.1913, 0.5426,

266.8750, 260.9342

0.0000

287.7927,
319.7901, 314.6804

■ 0.0000, 0.0000,
0.0000

■ 41.2396, 48.1218,
43.1913

■ 41.2396, 48.1218,
43.1913

■ 35.9053, 45.5609,
34.4651

■ 47.4315, 51.0975,
53.3180

■ 31.3870, 43.3905,
27.0747

■ 54.5122, 54.4987,
64.8997

■ 27.6458, 41.5934,
20.9553

■ 62.5163, 58.3435,
77.9916

■ 24.6379, 40.1486,
16.0352

■ 71.4754, 62.6470,
92.6456

■ 22.3151, 39.0328,
12.2358

■ 77.9218, 65.7435,
103.1906

■ 20.6236, 38.2203,
9.4689

■ 19.5016, 37.6813,
7.6335

■ 18.8746, 37.3802,
6.6080

■ 18.6318, 37.2636,
6.2107

Harmonies

Analogous

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



43.4577, 48.1218, 38.6548



41.2396, 48.1218, 43.1913



40.2325, 48.1218, 50.5927

Triad

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



41.2396, 48.1218, 43.1913



45.1041, 48.1218, 70.6244



51.2371, 48.1218, 46.0301

Complementary

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



41.2396, 48.1218, 43.1913



44.5277, 42.1114, 55.0738

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.



51.7249, 48.1218, 54.2426



41.2396, 48.1218, 43.1913



48.0974, 48.1218, 69.0608

Square

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



41.2396, 48.1218, 43.1913



42.3998, 48.1218, 66.8902



50.5529, 48.1218, 62.8246



49.2477, 48.1218, 40.1640

Rectangle

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



41.2396, 48.1218, 43.1913



40.3505, 48.1218, 56.4050



50.5529, 48.1218, 62.8246



51.5856, 48.1218, 48.5825

Sweetspot

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



41.2409, 48.1239, 43.1924



83.7982, 90.9601, 93.6111



47.0018, 51.0937, 43.4616



18.2062, 19.8803, 20.2370



92.9021, 97.7402, 106.4391



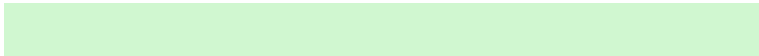
19.4759, 20.4902, 22.3138

Same Dimension

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



41.2409, 48.1239, 43.1924



70.6743, 84.6560, 72.1449



42.4443, 48.6052, 49.5293



9.4088, 10.6496, 10.1364



12.2440, 24.4879, 4.0814



0.4796, 0.9592, 0.1599

Inverse Universe

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



44.5277, 42.1114, 55.0738



77.8245, 71.5764, 97.9920



43.2098, 41.5843, 48.1337



9.9300, 9.6963, 12.0203



20.3000, 9.7512, 33.2031



0.7952, 0.3820, 1.3006

Previews

White Background



This preview shows how the XYZ color 41.2396, 48.1218, 43.1913 looks on a white background.

Color Contrast Check

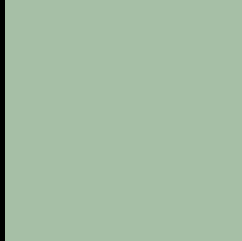
Large Text (above 18pt) WCAG AA × Fail

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 41.2396, 48.1218, 43.1913 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

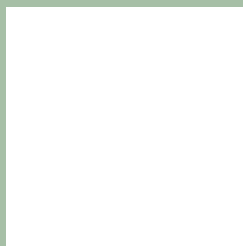
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2396, 48.1218, 43.1913

Background



This preview shows how black text looks on a background with the XYZ color 41.2396, 48.1218, 43.1913.



This preview shows how white text looks on a background with the XYZ color 41.2396, 48.1218,

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

41.2396, 48.1218, 43.1913

Protanopia

45.1933, 47.6821, 41.0040

Deuteranopia

48.8140, 47.9708, 44.2226



Tritanopia

45.1148, 48.1055, 62.1658

Trichromacy



Original Color

41.2396, 48.1218, 43.1913

Protanomaly

43.6982, 47.8294, 41.5792

Deuteranomaly

45.7396, 47.9006, 43.8808

Tritanomaly

43.6379, 48.1433, 54.5696

Monochromacy



Original Color

41.2396, 48.1218, 43.1913

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.0899, 47.0626, 47.8872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2396, 48.1218, 43.1913 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, 191, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 191, 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(166, 191, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 191, 166) }
```

Border

The CSS property to change the border of an element to XYZ 41.2396, 48.1218, 43.1913 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, 191, 166) }
```


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

```
.border{ border-color:rgb(166, 191, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 191, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 191, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 191, 166);  
box-shadow:4px 4px 4px 4px rgb(166, 191,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2396, 48.1218, 43.1913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 191, 166) }
```

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

```
.background{ background-color: rgb(166,  
191, 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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