

Converting Colors

XYZ(41.0236, 49.8815, 41.9111)

Have a look what the booklet for
XYZ(41.0236, 49.8815, 41.9111)
contains.

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Color

**XYZ(41.0743, 50.0504,
42.1462)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C5A3
RGB	160, 197, 163
RGB Percent	63%, 77%, 64%
CMY	0.3725, 0.2274, 0.3608
CMYK	0.19, 0.00, 0.17, 0.23
HSL	125°, 24%, 70%
HSV	125°, 19%, 77%
XYZ	41.0743, 50.0504, 42.1462
YIQ	182.0610, -11.1380, -18.4180

Conversions

Conversions Part 2

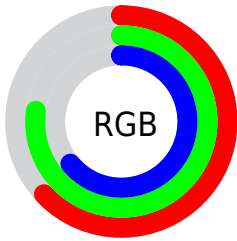
Format	Color
RYB	160, 194, 197
Decimal	10536355
CIELab	76.10, -18.96, 13.04
CIELCh	76, 23.013, 145.495
Yxy	50.0504, 0.3082, 0.3756
Android (android.graphics.Color)	4288726435 (0xFFA0C5A3)
YUV	182.0610, -9.3971, -19.3475
Hunter-Lab	70.7463, -20.1715, 14.2012

Details

The XYZ color **41.0743, 50.0504, 42.1462** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.3361, 40.9081, 56.5477**, and the grayscale version is **44.5516, 46.8718, 51.0434**.

A 20% lighter version of the original color is **76.1210, 90.3927, 79.7652**, and **18.8760, 23.9808, 18.6728** is the 20% darker color. If you saturate the color by 10%, you get **35.9362, 47.5772, 34.0364**, and if you desaturate by 10%, it is **47.0714, 52.9424, 51.5103**.

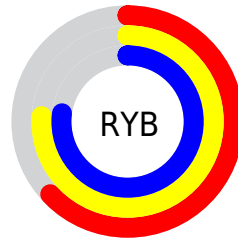
Distribution



Red (63%)

Green (77%)

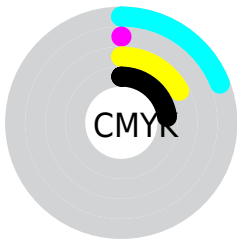
Blue (64%)



Red (63%)

Yellow (76%)

Blue (77%)

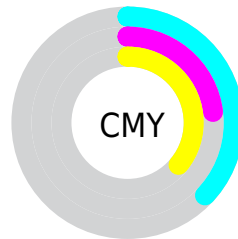


Cyan (19%)

Magenta (0%)

Yellow (17%)

Black (23%)



Cyan (37%)


Magenta (23%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0743, 50.0504, 42.1462 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 41.0743, 50.0504, 42.1462 by changing the saturation by 10% instead.


 41.0743, 50.0504,
42.1462


 41.0743, 50.0504,
42.1462


341.6883,
386.8630, 370.9062

 28.5651, 35.4534,
28.8894


 76.0707, 90.2495,
79.6933

 18.8947, 24.0124,
18.7523


 99.2885, 116.6205,
104.8207

 11.6978, 15.3428,
11.3164


126.8066,
147.6850, 134.7420

 6.6089, 9.0603,
6.1632

158.9903,
183.8273, 169.8757

 3.2629, 4.7806,
2.8742

196.2050,
225.4318, 210.6405

 1.2943, 2.1191,
1.0308

238.8160,

 0.1789, 0.6753,

272.8831, 257.4548

0.0000

287.1886,
326.5653, 310.7372

■ 0.0000, 0.0000,
0.0000

■ 41.0743, 50.0504,
42.1462

■ 41.0743, 50.0504,
42.1462

■ 35.9362, 47.5772,
34.0364

■ 47.0714, 52.9424,
51.5103

■ 31.6139, 45.4975,
27.1246

■ 53.9601, 56.2648,
62.1754

■ 28.0666, 43.7929,
21.3551

■ 61.7763, 60.0363,
74.1898

■ 25.2483, 42.4408,
16.6662

■ 70.5525, 64.2729,
87.5982

■ 23.1082, 41.4167,
12.9908

■ 79.0192, 68.3192,
102.3825

■ 21.5888, 40.6924,
10.2541

■ 79.2572, 68.4144,
103.6357

■ 20.6230, 40.2352,
8.3709

■ 20.1079, 39.9942,
7.2398

■ 20.0605, 39.9718,
7.1473

Harmonies

Analogous

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



44.0986, 50.0504, 35.7857



41.0743, 50.0504, 42.1462



39.7914, 50.0504, 52.6563

Triad

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



41.0743, 50.0504, 42.1462



46.9245, 50.0504, 81.6935



55.4364, 50.0504, 44.9210

Complementary

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



41.0743, 50.0504, 42.1462



45.3361, 40.9081, 56.5477

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.



56.3047, 50.0504, 56.3788



41.0743, 50.0504, 42.1462



51.2219, 50.0504, 78.8022

Square

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



41.0743, 50.0504, 42.1462



43.0371, 50.0504, 76.4461



54.7199, 50.0504, 69.0503



52.4135, 50.0504, 37.2103

Rectangle

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



41.0743, 50.0504, 42.1462



40.0361, 50.0504, 61.0743



54.7199, 50.0504, 69.0503



55.9974, 50.0504, 48.4086

Sweetspot

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



41.0756, 50.0525, 42.1473



87.4617, 96.3401, 97.1584



48.6988, 54.0131, 41.1171



18.5514, 20.5393, 20.5337



0.0000, 0.0000, 0.0000



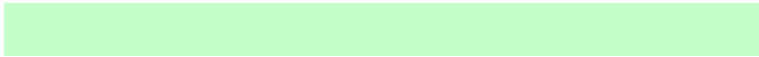
20.3446, 21.4041, 23.3091

Same Dimension

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



41.0756, 50.0525, 42.1473



69.1712, 87.5248, 68.5719



42.8020, 50.7431, 51.2382



10.5318, 11.9016, 11.4847



13.2069, 26.2951, 4.7681



0.6377, 1.2500, 0.2908

Inverse Universe

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



45.3361, 40.9081, 56.5477



78.3526, 67.8154, 99.6034



43.4381, 40.1489, 46.5529



11.0446, 10.8012, 13.2180



20.6475, 10.0086, 29.6835



0.9889, 0.4784, 1.4648

Previews

White Background



This preview shows how the XYZ color 41.0743, 50.0504, 42.1462 looks on a white background.

Color Contrast Check

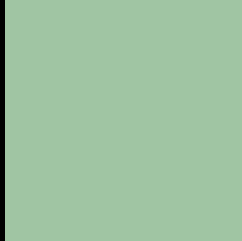
Large Text (above 18pt) WCAG AA × Fail

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 41.0743, 50.0504, 42.1462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

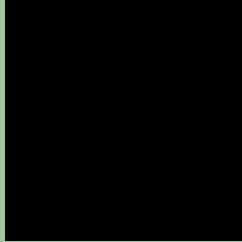
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0743, 50.0504, 42.1462

Background



This preview shows how black text looks on a background with the XYZ color 41.0743, 50.0504, 42.1462.



This preview shows how white text looks on a background with the XYZ color 41.0743, 50.0504,

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

41.0743, 50.0504, 42.1462

Protanopia

46.9678, 49.8796, 39.5000

Deuteranopia

50.6448, 49.5418, 42.9697



Tritanopia

45.7077, 49.9333, 65.6216

Trichromacy



Original Color

41.0743, 50.0504, 42.1462

Protanomaly

44.7431, 49.9900, 40.5485

Deuteranomaly

46.5986, 49.3038, 42.6579

Tritanomaly

43.6741, 49.7501, 56.0161

Monochromacy



Original Color

41.0743, 50.0504, 42.1462

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

42.9637, 47.6345, 47.4874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0743, 50.0504, 42.1462 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(160, 197, 163)` looks like.

```
.text, #text, p{  
    color:rgb(160, 197, 163)  
}
```

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(160, 197, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 197, 163) }
```

Border

The CSS property to change the border of an element to XYZ 41.0743, 50.0504, 42.1462 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(160, 197, 163) }
```


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

```
.border{ border-color:rgb(160, 197, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 197, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 197, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 197, 163);  
box-shadow:4px 4px 4px 4px rgb(160, 197,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0743, 50.0504, 42.1462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 197, 163) }
```

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

```
.background{ background-color: rgb(160,  
197, 163) }
```

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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