

Converting Colors

XYZ(41.6879, 50.4242, 45.3472)

Have a look what the booklet for
XYZ(41.6879, 50.4242, 45.3472)
contains.

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Color

**XYZ(41.7192, 50.3084,
45.5419)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C5AA
RGB	160, 197, 170
RGB Percent	63%, 77%, 67%
CMY	0.3725, 0.2274, 0.3333
CMYK	0.19, 0.00, 0.14, 0.23
HSL	136°, 24%, 70%
HSV	136°, 19%, 77%
XYZ	41.7192, 50.3084, 45.5419
YIQ	182.8590, -13.3850, -16.2410

Conversions

Conversions Part 2

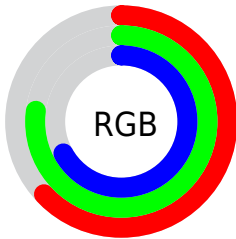
Format	Color
RYB	160, 189, 197
Decimal	10536362
CIELab	76.26, -17.68, 9.49
CIELCh	76, 20.066, 151.758
Yxy	50.3084, 0.3033, 0.3657
Android (android.graphics.Color)	4288726442 (0xFFA0C5AA)
YUV	182.8590, -6.3395, -20.0473
Hunter-Lab	70.9284, -19.1333, 11.5808

Details

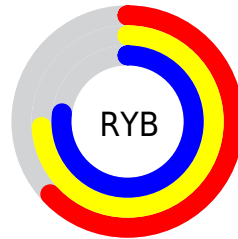
The XYZ color **41.7192, 50.3084, 45.5419** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.5682, 40.6010, 52.5038**, and the grayscale version is **44.9725, 47.3146, 51.5256**.

A 20% lighter version of the original color is **77.0567, 90.7669, 84.6926**, and **19.2768, 24.1411, 20.7832** is the 20% darker color. If you saturate the color by 10%, you get **36.8023, 47.9237, 38.5969**, and if you desaturate by 10%, it is **47.4117, 53.0786, 53.3017**.

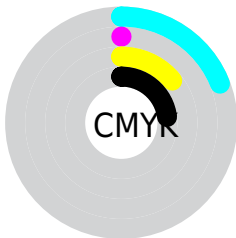
Distribution



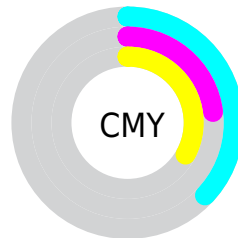
- Red (63%)
- Green (77%)
- Blue (67%)



- Red (63%)
- Yellow (74%)
- Blue (77%)



- Cyan (19%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)



- Cyan (37%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7192, 50.3084, 45.5419 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 41.7192, 50.3084, 45.5419 by changing the saturation by 10% instead.

■ 41.7192, 50.3084,
45.5419

■ 41.7192, 50.3084,
45.5419

344.3291,
387.8708, 385.1878

■ 29.0716, 35.6585,
31.5384

■ 77.0423, 90.6316,
84.8600

■ 19.2796, 24.1706,
20.7473

■ 100.4485,
117.0738, 111.0118

■ 11.9777, 15.4602,
12.7500

128.1717,
148.2155, 142.0500

■ 6.8006, 9.1430,
7.1279

160.5772,
184.4411, 178.3933

■ 3.3829, 4.8346,
3.4626

198.0303,
226.1350, 220.4602

■ 1.3593, 2.1505,
1.3354

240.8964,

■ 0.2270, 0.6928,

273.6817, 268.6692

0.0905

289.5409,
327.4655, 323.4389

■ 0.0000, 0.0000,
0.0000

■ 41.7192, 50.3084,
45.5419

■ 41.7192, 50.3084,
45.5419

■ 36.8023, 47.9237,
38.5969

■ 47.4117, 53.0786,
53.3017

■ 32.6228, 45.9011,
32.4370

■ 53.9076, 56.2438,
61.8982

■ 29.1454, 44.2244,
27.0352

■ 61.2384, 59.8212,
71.3567

■ 26.3301, 42.8736,
22.3622

■ 69.4326, 63.8250,
81.7003

■ 24.1329, 41.8266,
18.3864

■ 77.2167, 67.5982,
92.8904

■ 22.5041, 41.0585,
15.0740

■ 79.2572, 68.4144,
103.6357

■ 21.3859, 40.5404,
12.3881

■ 20.6866, 40.2257,
10.2874

■ 20.6154, 40.1937,
10.0689

Harmonies

Analogous

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



44.1071, 50.3084, 38.9740



41.7192, 50.3084, 45.5419



40.9405, 50.3084, 55.4158

Triad

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



41.7192, 50.3084, 45.5419



48.0391, 50.3084, 78.2200



54.2390, 50.3084, 44.5747

Complementary

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



41.7192, 50.3084, 45.5419



44.5682, 40.6010, 52.5038

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.



55.4226, 50.3084, 54.1437



41.7192, 50.3084, 45.5419



51.7285, 50.3084, 74.3617

Square

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



41.7192, 50.3084, 45.5419



44.4726, 50.3084, 75.1443



54.4810, 50.3084, 65.1838



51.3242, 50.3084, 38.4693

Rectangle

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



41.7192, 50.3084, 45.5419



41.4041, 50.3084, 62.8267



54.4810, 50.3084, 65.1838



54.8592, 50.3084, 47.4466

Sweetspot

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



41.7206, 50.3105, 45.5430



87.8975, 96.5144, 99.4530



46.8395, 53.0546, 41.0302



18.6541, 20.5803, 21.0742



0.0000, 0.0000, 0.0000



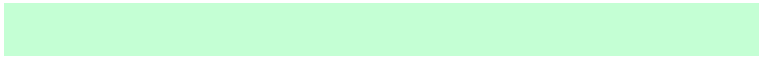
20.3446, 21.4041, 23.3091

Same Dimension

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



41.7206, 50.3105, 45.5430



70.5251, 88.0663, 75.7014



43.5818, 51.0550, 55.3441



10.6133, 11.9342, 11.9136



13.5893, 26.4481, 6.7820



0.6747, 1.2648, 0.4856

Inverse Universe

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



44.5682, 40.6010, 52.5038



76.6611, 67.1388, 90.6959



42.7254, 39.8639, 42.7996



10.9560, 10.7658, 12.7518



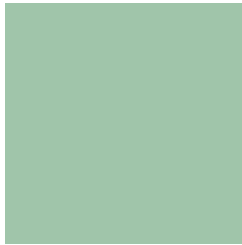
18.4807, 9.1418, 18.2731



0.9042, 0.4445, 1.0185

Previews

White Background



This preview shows how the XYZ color 41.7192, 50.3084, 45.5419 looks on a white background.

Color Contrast Check

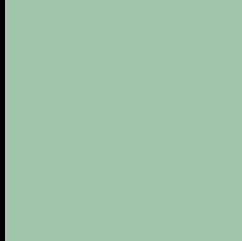
Large Text (above 18pt) WCAG AA × Fail

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 41.7192, 50.3084, 45.5419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

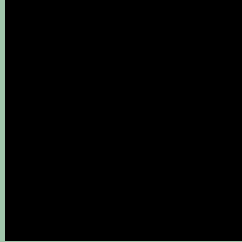
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7192, 50.3084, 45.5419

Background



This preview shows how black text looks on a background with the XYZ color 41.7192, 50.3084, 45.5419.



This preview shows how white text looks on a background with the XYZ color 41.7192, 50.3084,

45.5419.

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

41.7192, 50.3084, 45.5419

Protanopia

47.3268, 49.9930, 42.7525

Deuteranopia

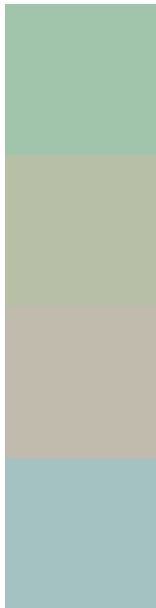
50.9307, 49.9138, 46.4851



Tritanopia

46.0485, 50.4198, 66.3365

Trichromacy



Original Color

41.7192, 50.3084, 45.5419

Protanomaly

45.1343, 50.1189, 43.8543

Deuteranomaly

46.9549, 49.7257, 46.1529

Tritanomaly

44.3392, 50.3711, 58.4246

Monochromacy



Original Color

41.7192, 50.3084, 45.5419

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.6983, 48.2948, 49.1382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7192, 50.3084, 45.5419 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(160, 197, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 197, 170) }
```

Border

The CSS property to change the border of an element to XYZ 41.7192, 50.3084, 45.5419 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, 170) }
```


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

```
.border{ border-color:rgb(160, 197, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 197, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 197, 170);  
box-shadow:4px 4px 4px 4px rgb(160, 197,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7192, 50.3084, 45.5419 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, 170) }
```

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

```
.background{ background-color: rgb(160,  
197, 170) }
```

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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