

Converting Colors

XYZ(47.2692, 63.2699, 43.5841)

Have a look what the booklet for
XYZ(47.2692, 63.2699, 43.5841)
contains.

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Color

**XYZ(47.1892, 63.1536,
43.4209)**

Conversions

Conversions Part 1

Format	Color
Hex	9EE0A1
RGB	158, 224, 161
RGB Percent	62%, 88%, 63%
CMY	0.3804, 0.1216, 0.3686
CMYK	0.29, 0.00, 0.28, 0.12
HSL	123°, 52%, 75%
HSV	123°, 29%, 88%
XYZ	47.1892, 63.1536, 43.4209
YIQ	197.0840, -19.1130, -33.5850

Conversions

Conversions Part 2

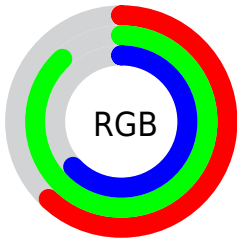
Format	Color
RYB	158, 221, 224
Decimal	10412193
CIELab	83.52, -33.06, 24.38
CIElCh	84, 41.078, 143.595
Yxy	63.1536, 0.3069, 0.4107
Android (android.graphics.Color)	4288602273 (0xFF9EE0A1)
YUV	197.0840, -17.7894, -34.2767
Hunter-Lab	79.4692, -33.0770, 23.2332

Details

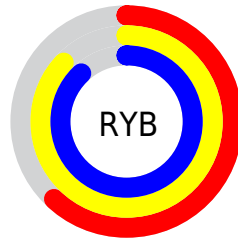
The XYZ color **47.1892, 63.1536, 43.4209** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.0206, 45.5228, 74.2433**, and the grayscale version is **53.2353, 56.0077, 60.9924**.

A 20% lighter version of the original color is **75.8862, 90.7740, 78.4873**, and **22.4719, 32.0524, 19.4703** is the 20% darker color. If you saturate the color by 10%, you get **41.4511, 60.3969, 34.1374**, and if you desaturate by 10%, it is **54.0561, 66.4586, 54.4431**.

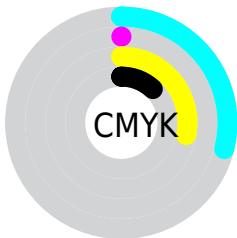
Distribution



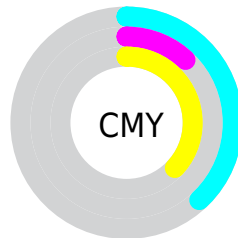
- Red (62%)
- Green (88%)
- Blue (63%)



- Red (62%)
- Yellow (87%)
- Blue (88%)



- Cyan (29%)
- Magenta (0%)
- Yellow (28%)
- Black (12%)





- Cyan (38%)
- Magenta (12%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1892, 63.1536, 43.4209 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 47.1892, 63.1536, 43.4209 by changing the saturation by 10% instead.


 47.1892, 63.1536,
43.4209


 47.1892, 63.1536,
43.4209


366.2055,
436.1267, 376.3118

 33.3938, 45.9655,
29.8817


 85.2130, 109.3911,
81.6388

 22.5890, 32.2186,
19.4975


 110.1721,
139.2092, 107.1545

 14.4093, 21.5285,
11.8499

139.5832,
174.0062, 137.4995

 8.4895, 13.5109,
6.5202

173.8116,
214.1663, 173.0922

 4.4642, 7.7813,
3.0901

213.2227,
260.0740, 214.3513

 1.9679, 3.9553,
1.1408

258.1818,

 0.6159, 1.6486,

312.1138, 261.6952

0.0000

309.0543,
370.6699, 315.5425

0.0000, 0.3900,
0.0000

0.0000, 0.0000,
0.0000

47.1892, 63.1536,
43.4209

47.1892, 63.1536,
43.4209

41.4511, 60.3969,
34.1374

54.0561, 66.4586,
54.4431

36.7769, 58.1515,
26.4998

62.1026, 70.3309,
67.2818

33.1025, 56.3881,
20.4134

71.3822, 74.7982,
82.0153

30.3550, 55.0716,
15.7720

81.9437, 79.8841,
98.7162

■ 28.4516, 54.1618,
12.4561

■ 85.9469, 81.7938,
105.8656

■ 27.2946, 53.6113,
10.3271

■ 26.7342, 53.3464,
9.2145

■ 26.7127, 53.3361,
9.1795

Harmonies

Analogous

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



53.3847, 63.1536, 32.7094



47.1892, 63.1536, 43.4209



44.4683, 63.1536, 63.3999

Triad

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



47.1892, 63.1536, 43.4209



58.1224, 63.1536, 130.4418



77.2551, 63.1536, 50.8300

Complementary

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



47.1892, 63.1536, 43.4209



56.0206, 45.5228, 74.2433

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.



78.8443, 63.1536, 74.4214



47.1892, 63.1536, 43.4209



67.1956, 63.1536, 124.6746

Square

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



47.1892, 63.1536, 43.4209



50.3621, 63.1536, 116.6608



75.0012, 63.1536, 102.4348



70.8524, 63.1536, 36.1829

Rectangle

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



47.1892, 63.1536, 43.4209



44.7765, 63.1536, 81.0371



75.0012, 63.1536, 102.4348



78.3948, 63.1536, 57.7964

Sweetspot

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



47.1908, 63.1563, 43.4223



83.7763, 94.5727, 90.9997



62.8929, 71.2812, 42.7921



17.5691, 20.0680, 18.9008



0.0000, 0.0000, 0.0000



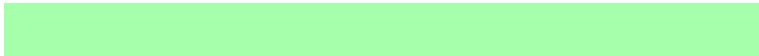
20.3446, 21.4041, 23.3091

Same Dimension

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



47.1908, 63.1563, 43.4223



58.6711, 82.4950, 50.7658



50.4059, 64.4423, 60.3528



13.5539, 15.3473, 14.6862



15.5594, 31.0486, 5.4026



1.0875, 2.1557, 0.4220

Inverse Universe

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



56.0206, 45.5228, 74.2433



72.2343, 55.4030, 98.1056



52.1328, 43.9677, 53.7708



14.2667, 13.9243, 17.1746



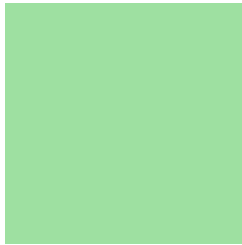
24.9564, 12.0496, 38.0319



1.7383, 0.8386, 2.6806

Previews

White Background



This preview shows how the XYZ color 47.1892, 63.1536, 43.4209 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 47.1892, 63.1536, 43.4209 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

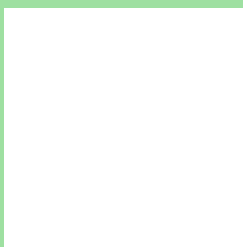
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1892, 63.1536, 43.4209

Background



This preview shows how black text looks on a background with the XYZ color 47.1892, 63.1536, 43.4209.



This preview shows how white text looks on a background with the XYZ color 47.1892, 63.1536,

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

47.1892, 63.1536, 43.4209

Protanopia

58.1868, 62.4552, 39.1253

Deuteranopia

63.5820, 62.3008, 44.7505



Tritanopia

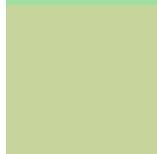
55.6605, 63.0850, 85.5869

Trichromacy



Original Color

47.1892, 63.1536, 43.4209



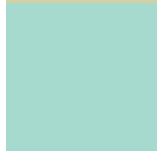
Protanomaly

53.3482, 62.1309, 40.6332



Deuteranomaly

56.1207, 61.6410, 44.0620



Tritanomaly

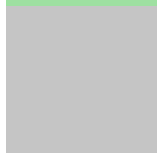
51.9379, 62.7060, 67.7586

Monochromacy



Original Color

47.1892, 63.1536, 43.4209



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

50.4930, 58.1536, 53.9109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1892, 63.1536, 43.4209 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(158, 224, 161)` looks like.

```
.text, #text, p{  
    color:rgb(158, 224, 161)  
}
```

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(158, 224, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 224, 161) }
```

Border

The CSS property to change the border of an element to XYZ 47.1892, 63.1536, 43.4209 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(158, 224, 161) }
```


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

```
.border{ border-color:rgb(158, 224, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 224, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 224, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 224, 161);  
box-shadow:4px 4px 4px 4px rgb(158, 224,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1892, 63.1536, 43.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 224, 161) }
```

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

```
.background{ background-color: rgb(158,  
224, 161) }
```

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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