

Converting Colors

XYZ(47.1497, 59.6060, 44.1420)

Have a look what the booklet for
XYZ(47.1497, 59.6060, 44.1420)
contains.

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Color

**XYZ(47.1497, 59.6060,
44.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D7A4
RGB	168, 215, 164
RGB Percent	66%, 84%, 64%
CMY	0.3412, 0.1568, 0.3569
CMYK	0.22, 0.00, 0.24, 0.16
HSL	115°, 39%, 74%
HSV	115°, 24%, 84%
XYZ	47.1497, 59.6060, 44.1420
YIQ	195.1330, -11.6410, -25.8250

Conversions

Conversions Part 2

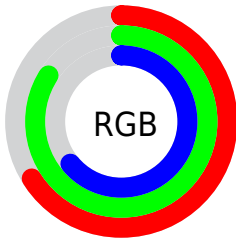
Format	Color
RYB	164, 215, 211
Decimal	11065252
CIELab	81.62, -24.98, 20.29
CIELCh	82, 32.188, 140.914
Yxy	59.6060, 0.3125, 0.3950
Android (android.graphics.Color)	4289255332 (0xFFA8D7A4)
YUV	195.1330, -15.3486, -23.7956
Hunter-Lab	77.2049, -26.0972, 20.1443

Details

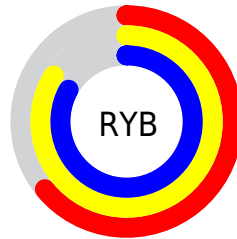
The XYZ color **47.1497, 59.6060, 44.1420** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.4076, 45.3078, 70.2761**, and the grayscale version is **52.0459, 54.7563, 59.6297**.

A 20% lighter version of the original color is **79.2867, 92.4818, 80.6897**, and **22.5657, 29.9563, 19.9220** is the 20% darker color. If you saturate the color by 10%, you get **41.4683, 56.8846, 34.5832**, and if you desaturate by 10%, it is **53.8053, 62.7952, 55.4623**.

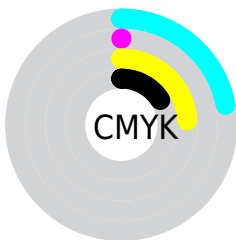
Distribution



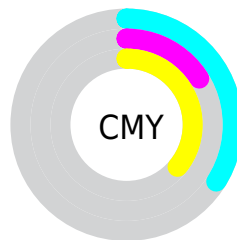
- Red (66%)
- Green (84%)
- Blue (64%)



- Red (64%)
- Yellow (84%)
- Blue (83%)



- Cyan (22%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)





- Cyan (34%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1497, 59.6060, 44.1420 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 47.1497, 59.6060, 44.1420 by changing the saturation by 10% instead.


 47.1497, 59.6060,
44.1420


 47.1497, 59.6060,
44.1420


366.0507,
423.1440, 379.3457

 33.3625, 43.1011,
30.4441


 85.1544, 104.2579,
82.7361

 22.5648, 29.9645,
19.9210

 110.1026,
133.1737, 108.4695

 14.3914, 19.8116,
12.1542


139.5018,
166.9954, 139.0518

 8.4769, 12.2582,
6.7249

173.7174,
206.1072, 174.9015

 4.4560, 6.9198,
3.2149

213.1147,
250.8935, 216.4372

 1.9632, 3.4120,
1.2054

258.0592,

 0.6132, 1.3504,

301.7388, 264.0774

0.0000

308.9160,
359.0275, 318.2408

■ 0.0000, 0.1797,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.1497, 59.6060,
44.1420

■ 47.1497, 59.6060,
44.1420

■ 41.4683, 56.8846,
34.5832

■ 53.8053, 62.7952,
55.4623

■ 36.7110, 54.6018,
26.6938

■ 61.4730, 66.4647,
68.6223

■ 32.8301, 52.7368,
20.3791

■ 70.1942, 70.6359,
83.7001

■ 29.7719, 51.2644,
15.5336

■ 80.0068, 75.3269,
100.7683

■ 27.4768, 50.1562,
12.0387

■ 83.5916, 77.0832,
105.0805

■ 25.8771, 49.3803,
9.7575

■ 24.8927, 48.8991,
8.5244

■ 24.5302, 48.7211,
8.1112

Harmonies

Analogous

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



52.1384, 59.6060, 35.9631



47.1497, 59.6060, 44.1420



44.7612, 59.6060, 59.1966

Triad

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



47.1497, 59.6060, 44.1420



54.6253, 59.6060, 109.0472



69.6866, 59.6060, 52.4964

Complementary

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



47.1497, 59.6060, 44.1420



52.4076, 45.3078, 70.2761

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.



70.4856, 59.6060, 70.9602



47.1497, 59.6060, 44.1420



61.4224, 59.6060, 106.2646

Square

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



47.1497, 59.6060, 44.1420



48.8457, 59.6060, 98.3038



67.3561, 59.6060, 91.3205



65.2524, 59.6060, 40.0777

Rectangle

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



47.1497, 59.6060, 44.1420



44.8227, 59.6060, 72.2086



67.3561, 59.6060, 91.3205



70.4024, 59.6060, 58.1034

Sweetspot

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



47.1513, 59.6085, 44.1433



86.5127, 95.9156, 94.1896



57.9600, 63.5947, 44.3430



18.3674, 20.4582, 19.9030



0.0000, 0.0000, 0.0000



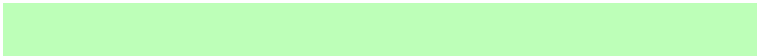
20.3446, 21.4041, 23.3091

Same Dimension

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



47.1513, 59.6085, 44.1433



65.4054, 85.8082, 58.2433



48.3955, 60.0094, 55.0713



12.3517, 13.9420, 13.2008



14.7065, 29.1578, 4.8529



0.9192, 1.7752, 0.2942

Inverse Universe

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



52.4076, 45.3078, 70.2761



74.3177, 61.5486, 102.5708



51.0114, 44.8833, 56.8686



12.8525, 12.5809, 15.6885



21.3297, 10.1484, 39.2878



1.3157, 0.6271, 2.3710

Previews

White Background



This preview shows how the XYZ color 47.1497, 59.6060, 44.1420 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 47.1497, 59.6060, 44.1420 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

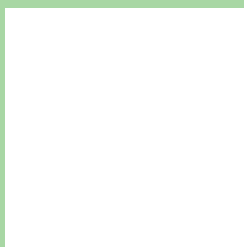
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1497, 59.6060, 44.1420

Background



This preview shows how black text looks on a background with the XYZ color 47.1497, 59.6060, 44.1420.



This preview shows how white text looks on a background with the XYZ color 47.1497, 59.6060,

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

47.1497, 59.6060, 44.1420

Protanopia

55.6110, 59.3086, 40.8644

Deuteranopia

60.2914, 58.9032, 45.2375



Tritanopia

54.1275, 59.4724, 79.1475

Trichromacy



Original Color

47.1497, 59.6060, 44.1420

Protanomaly

52.2112, 59.3058, 41.9531

Deuteranomaly

54.6739, 58.7327, 45.0141

Tritanomaly

51.1628, 59.3561, 64.6374

Monochromacy



Original Color

47.1497, 59.6060, 44.1420

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

49.7798, 56.0160, 53.5359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1497, 59.6060, 44.1420 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(168, 215, 164)` looks like.

```
.text, #text, p{  
    color:rgb(168, 215, 164)  
}
```

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(168, 215, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 215, 164) }
```

Border

The CSS property to change the border of an element to XYZ 47.1497, 59.6060, 44.1420 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(168, 215, 164) }
```


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

```
.border{ border-color:rgb(168, 215, 164) }
```

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

Here you see how a box with a 4 pixel rgb(168, 215, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 215, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 215, 164);  
box-shadow:4px 4px 4px 4px rgb(168, 215,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1497, 59.6060, 44.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 215, 164) }
```

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

```
.background{ background-color: rgb(168,  
215, 164) }
```

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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