

Converting Colors

XYZ(41.1992, 59.6186, 9.5084)

Have a look what the booklet for
XYZ(41.1992, 59.6186, 9.5084)
contains.

XYZ(41.1992, 59.6186, 9.5084)	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(41.1992, 59.6186,
9.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	A4DD06
RGB	164, 221, 6
RGB Percent	64%, 87%, 2%
CMY	0.3569, 0.1333, 0.9764
CMYK	0.26, 0.00, 0.97, 0.13
HSL	76°, 95%, 45%
HSV	76°, 97%, 87%
XYZ	41.1992, 59.6186, 9.5084
YIQ	179.4470, 35.0430, -78.9490

Conversions

Conversions Part 2

Format	Color
RYB	6, 221, 63
Decimal	10804486
CIELab	81.63, -42.42, 79.60
CIELCh	82, 90.194, 118.054
Yxy	59.6186, 0.3734, 0.5404
Android (android.graphics.Color)	4288994566 (0xFFA4DD06)
YUV	179.4470, -85.5094, -13.5470
Hunter-Lab	77.2131, -39.8792, 46.7479

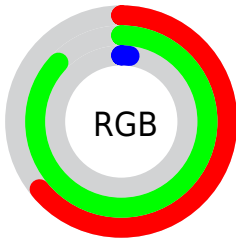
Details

The XYZ color **41.1992, 59.6186, 9.5084** is a dark color, and the websafe version is hex **99CC00**.

The color can be described as dark washed chartreuse. A complement of this color would be **15.1693, 6.4095, 68.8478**, and the grayscale version is **43.5194, 45.7858, 49.8607**.

A 20% lighter version of the original color is **67.9946, 87.9292, 22.8395**, and **19.5801, 30.3366, 4.8236** is the 20% darker color. If you saturate the color by 10%, you get **40.8397, 59.4390, 9.3204**, and if you desaturate by 10%, it is **42.6162, 60.3305, 10.5056**.

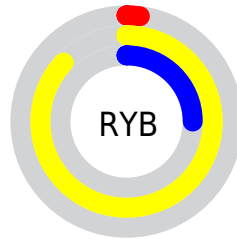
Distribution



Red (64%)

Green (87%)

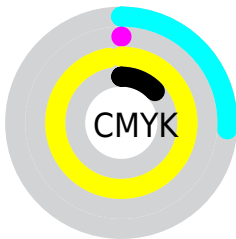
Blue (2%)



Red (2%)

Yellow (87%)

Blue (25%)

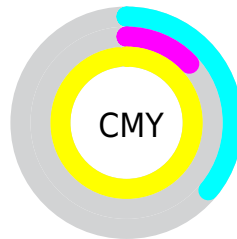


Cyan (26%)

Magenta (0%)

Yellow (97%)

Black (13%)



Cyan (36%)


Magenta (13%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1992, 59.6186, 9.5084 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 41.1992, 59.6186, 9.5084 by changing the saturation by 10% instead.


 41.1992, 59.6186,
9.5084


 41.1992, 59.6186,
9.5084


342.2009,
423.1905, 197.4821


 28.6631, 43.1113,
4.9729


 76.2590, 104.2762,
25.4598

 18.9691, 29.9724,
2.1729


 99.5134, 133.1953,
37.7129

 11.7518, 19.8177,
0.6587


 127.0713,
167.0204, 53.3756

 6.6459, 12.2626,
0.0000

 159.2981,
206.1360, 72.8664

 3.2860, 6.9228,
0.0000

 196.5591,
250.9264, 96.6040

 1.3068, 3.4138,
0.0000

 239.2197,

 0.1883, 1.3514,

301.7760, 125.0067

0.0000

287.6451,
359.0692, 158.4933

■ 0.0000, 0.1805,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.1992, 59.6186,
9.5084

■ 41.1992, 59.6186,
9.5084

■ 40.8397, 59.4390,
9.3204

■ 42.6162, 60.3305,
10.5056

■ 44.2798, 61.1454,
12.5121

■ 46.2308, 62.0819,
15.7339

■ 48.4992, 63.1520,
20.3246

■ 51.1105, 64.3661,
26.4155

■ 54.0873, 65.7332,
34.1222

■ 57.4502, 67.2617,
43.5493

■ 61.2180, 68.9591,
54.7923

■ 65.4082, 70.8325,
67.9399

Harmonies

Analogous

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



57.9119, 59.6186, 6.5052



41.1992, 59.6186, 9.5084



31.0305, 59.6186, 23.8763

Triad

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



41.1992, 59.6186, 9.5084



39.4908, 59.6186, 199.8189



101.4370, 59.6186, 68.5225

Complementary

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



41.1992, 59.6186, 9.5084



15.1693, 6.4095, 68.8478

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.



93.5465, 59.6186, 137.2595



41.1992, 59.6186, 9.5084



55.4375, 59.6186, 235.0188

Square

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



41.1992, 59.6186, 9.5084



30.2098, 59.6186, 127.3959



75.5868, 59.6186, 207.4105



95.2853, 59.6186, 27.1673

Rectangle

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



41.1992, 59.6186, 9.5084



27.9716, 59.6186, 45.6228



75.5868, 59.6186, 207.4105



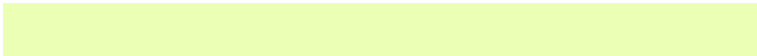
100.3089, 59.6186, 88.9972

Sweetspot

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



41.2006, 59.6213, 9.5097



78.4957, 92.5870, 57.4769



31.4573, 18.5941, 2.1041



16.3689, 19.6210, 11.0828



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.



41.2006, 59.6213, 9.5097



56.3470, 82.1330, 12.8835



27.7406, 52.6824, 8.8798



13.8078, 15.0812, 13.9088



23.8354, 34.5851, 5.4193



1.6239, 2.2817, 0.3548

Inverse Universe

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



15.1693, 6.4095, 68.8478



20.4074, 8.4353, 95.1603



29.1088, 13.5955, 69.5002



12.6609, 12.7833, 16.4523



8.7074, 3.6130, 39.9769



0.6452, 0.2759, 2.5937

Previews

White Background



This preview shows how the XYZ color 41.1992, 59.6186, 9.5084 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 41.1992, 59.6186, 9.5084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

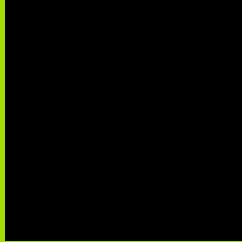
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1992, 59.6186, 9.5084

Background



This preview shows how black text looks on a background with the XYZ color 41.1992, 59.6186, 9.5084.



This preview shows how white text looks on a background with the XYZ color 41.1992, 59.6186,

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

41.1992, 59.6186, 9.5084

Protanopia

53.3508, 59.2059, 8.6160

Deuteranopia

60.4899, 59.1194, 10.3208



Tritanopia

54.7833, 59.1269, 77.6325

Trichromacy



Original Color

41.1992, 59.6186, 9.5084

Protanomaly

48.2344, 59.0767, 8.9182

Deuteranomaly

51.6897, 58.3253, 9.6322

Tritanomaly

46.3837, 57.9188, 34.7214

Monochromacy



Original Color

41.1992, 59.6186, 9.5084

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

39.8997, 48.8432, 23.8477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1992, 59.6186, 9.5084 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(164, 221, 6)` looks like.

```
.text, #text, p{  
    color:rgb(164, 221, 6)  
}
```

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(164, 221, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 221, 6) }
```

Border

The CSS property to change the border of an element to XYZ 41.1992, 59.6186, 9.5084 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(164, 221, 6) }
```


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

```
.border{ border-color:rgb(164, 221, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 221, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 221, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 221, 6);  
box-shadow:4px 4px 4px 4px rgb(164, 221,  
6) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1992, 59.6186, 9.5084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 221, 6) }
```

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

```
.background{ background-color: rgb(164,  
221, 6) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor