

Converting Colors

XYZ(43.3795, 51.5317, 9.1800)

Have a look what the booklet for
XYZ(43.3795, 51.5317, 9.1800)
contains.

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Color

**XYZ(43.3174, 51.6011,
9.1903)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C422
RGB	198, 196, 34
RGB Percent	78%, 77%, 13%
CMY	0.2235, 0.2314, 0.8666
CMYK	0.00, 0.01, 0.83, 0.22
HSL	59°, 71%, 45%
HSV	59°, 83%, 78%
XYZ	43.3174, 51.6011, 9.1903
YIQ	178.1300, 53.1940, -49.9580

Conversions

Conversions Part 2

Format	Color
RYB	36, 198, 34
Decimal	13026338
CIELab	77.04, -16.26, 72.69
CIELCh	77, 74.483, 102.612
Yxy	51.6011, 0.4161, 0.4956
Android (android.graphics.Color)	4291216418 (0xFFC6C422)
YUV	178.1300, -71.0561, 17.4260
Hunter-Lab	71.8339, -18.0700, 42.6983

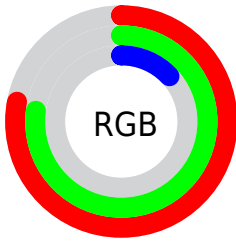
Details

The XYZ color **43.3174, 51.6011, 9.1903** is a dark color, and the websafe version is hex **CCCC33**.

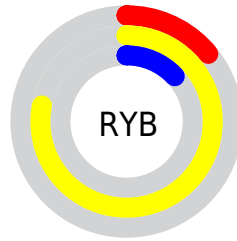
The color can be described as middle muted yellow. A complement of this color would be **11.4839, 5.6793, 53.9168**, and the grayscale version is **42.7322, 44.9576, 48.9588**.

A 20% lighter version of the original color is **78.1617, 91.7253, 24.6515**, and **20.6377, 25.2204, 3.7803** is the 20% darker color. If you saturate the color by 10%, you get **43.0561, 51.4117, 8.0771**, and if you desaturate by 10%, it is **43.7454, 51.8612, 11.1711**.

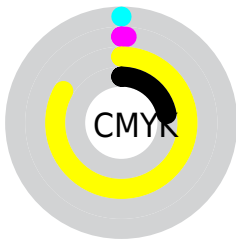
Distribution



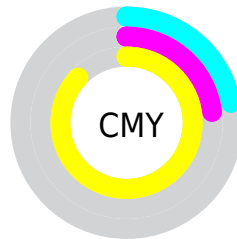
- Red (78%)
- Green (77%)
- Blue (13%)



- Red (14%)
- Yellow (78%)
- Blue (13%)



- Cyan (0%)
- Magenta (1%)
- Yellow (83%)
- Black (22%)





- Cyan (22%)
- Magenta (23%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3174, 51.6011, 9.1903 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 43.3174, 51.6011, 9.1903 by changing the saturation by 10% instead.


 43.3174, 51.6011,
9.1903


 43.3174, 51.6011,
9.1903


350.8149,
392.8947, 195.0613


 30.3298, 36.6872,
4.7670


 79.4423, 92.5427,
24.8445

 20.2384, 24.9654,
2.0549


 103.3104,
119.3392, 36.9125


 12.6777, 16.0513,
0.5887


 131.5361,
150.8653, 52.3659

 7.2825, 9.5605,
0.0000

 164.4846,
187.5055, 71.6231

 3.6873, 5.1085,
0.0000

 202.5214,
229.6441, 95.1027

 1.5268, 2.3111,
0.0000

 246.0118,

 0.3439, 0.7796,

277.6656, 123.2232

0.0000

295.3212,
331.9543, 156.4032

■ 0.0000, 0.0000,
0.0000

■ 43.3174, 51.6011,
9.1903

■ 43.3174, 51.6011,
9.1903

■ 43.0561, 51.4117,
8.0771

■ 43.7454, 51.8612,
11.1711

■ 42.9366, 51.3016,
7.6392

■ 44.3614, 52.1947,
14.1461

■ 45.1870, 52.6122,
18.2246

■ 46.2401, 53.1208,
23.5006

■ 47.5366, 53.7270,
30.0582

■ 49.0911, 54.4365,
37.9739

■ 50.9170, 55.2546,
47.3182

■ 53.0268, 56.1865,
58.1568

■ 55.4320, 57.2367,
70.5512

Harmonies

Analogous

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



57.6733, 51.6011, 9.7045



43.3174, 51.6011, 9.1903



32.7733, 51.6011, 16.0276

Triad

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



43.3174, 51.6011, 9.1903



31.5577, 51.6011, 127.5709



80.0181, 51.6011, 82.9681

Complementary

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



43.3174, 51.6011, 9.1903



11.4839, 5.6793, 53.9168

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.



69.9699, 51.6011, 135.7052



43.3174, 51.6011, 9.1903



41.3238, 51.6011, 168.8494

Square

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



43.3174, 51.6011, 9.1903



26.9193, 51.6011, 75.0636



55.2571, 51.6011, 172.3894



80.8378, 51.6011, 40.7708

Rectangle

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



43.3174, 51.6011, 9.1903



28.5630, 51.6011, 27.3254



55.2571, 51.6011, 172.3894



77.5300, 51.6011, 100.4234

Sweetspot

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



43.3186, 51.6035, 9.1914



86.1847, 96.0590, 63.4334



24.1907, 13.2822, 3.0178



18.2346, 20.4637, 12.4952



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.



43.3186, 51.6035, 9.1914



76.0424, 90.8425, 13.5997



28.0546, 44.4069, 8.6068



11.5124, 12.3940, 11.3483



27.9278, 33.3728, 4.9696



1.3260, 1.5875, 0.2365

Inverse Universe

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



11.4839, 5.6793, 53.9168



18.1429, 7.3585, 95.0718



17.6102, 8.7504, 54.1867



10.0669, 10.3078, 13.3765



6.6503, 2.6946, 34.9140



0.3186, 0.1350, 1.6544

Previews

White Background



This preview shows how the XYZ color 43.3174, 51.6011, 9.1903 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 43.3174, 51.6011, 9.1903 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 43.3174, 51.6011, 9.1903

Background



This preview shows how black text looks on a background with the XYZ color 43.3174, 51.6011, 9.1903.



This preview shows how white text looks on a background with the XYZ color 43.3174, 51.6011,

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

43.3174, 51.6011, 9.1903

Protanopia

46.6231, 51.6620, 8.8810

Deuteranopia

52.3725, 51.1751, 9.5003



Tritanopia

53.6700, 51.3360, 59.9034

Trichromacy



Original Color

43.3174, 51.6011, 9.1903

Protanomaly

45.3569, 51.6596, 9.0196

Deuteranomaly

48.6824, 51.1183, 9.3085

Tritanomaly

47.8114, 50.4974, 31.2718

Monochromacy



Original Color

43.3174, 51.6011, 9.1903

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.1224, 46.5186, 26.5503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3174, 51.6011, 9.1903 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(198, 196, 34)` looks like.

```
.text, #text, p{  
    color:rgb(198, 196, 34)  
}
```

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(198, 196, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 196, 34) }
```

Border

The CSS property to change the border of an element to XYZ 43.3174, 51.6011, 9.1903 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(198, 196, 34) }
```


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

```
.border{ border-color:rgb(198, 196, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 196, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 196, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 196, 34);  
box-shadow:4px 4px 4px 4px rgb(198, 196,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3174, 51.6011, 9.1903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 196, 34) }
```

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

```
.background{ background-color: rgb(198,  
196, 34) }
```

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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