

Converting Colors

XYZ(21.9202, 11.4519, 9.8592)

Have a look what the booklet for
XYZ(21.9202, 11.4519, 9.8592)
contains.

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Color

**XYZ(21.9202, 11.4519,
9.8592)**

Conversions

Conversions Part 1

Format	Color
Hex	B91356
RGB	185, 19, 86
RGB Percent	73%, 7%, 34%
CMY	0.2745, 0.9254, 0.6627
CMYK	0.00, 0.90, 0.54, 0.27
HSL	336°, 81%, 40%
HSV	336°, 90%, 73%
XYZ	21.9202, 11.4519, 9.8592
YIQ	76.2720, 77.4290, 56.0290

Conversions

Conversions Part 2

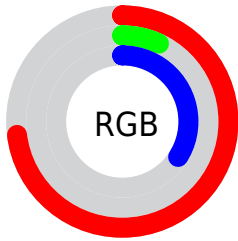
Format	Color
R_{YB}	185, 19, 86
Decimal	12129110
CIE Lab	40.33, 63.82, 7.31
CIE LCh	40, 64.233, 6.538
Yxy	11.4519, 0.5070, 0.2649
Android (android.graphics.Color)	4290319190 (0xFFB91356)
YUV	76.2720, 4.7959, 95.3545
Hunter-Lab	33.8407, 56.4018, 6.4148

Details

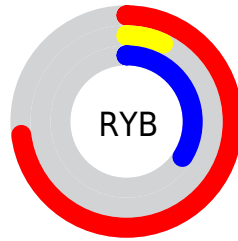
The XYZ color **21.9202, 11.4519, 9.8592** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **20.8891, 36.1450, 23.0214**, and the grayscale version is **6.9028, 7.2622, 7.9086**.

A 20% lighter version of the original color is **45.8689, 28.3215, 25.9707**, and **8.8577, 4.5201, 2.5034** is the 20% darker color. If you saturate the color by 10%, you get **21.2820, 10.8331, 7.6198**, and if you desaturate by 10%, it is **22.8447, 12.5337, 12.5329**.

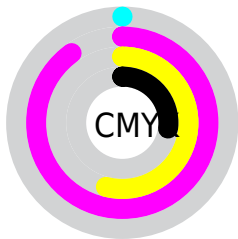
Distribution



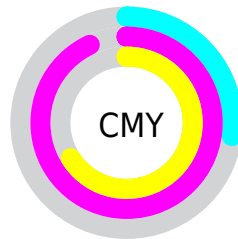
- Red (73%)
- Green (7%)
- Blue (34%)



- Red (73%)
- Yellow (7%)
- Blue (34%)



- Cyan (0%)
- Magenta (90%)
- Yellow (54%)
- Black (27%)





- Cyan (27%)
- Magenta (93%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.9202, 11.4519, 9.8592 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 21.9202, 11.4519, 9.8592 by changing the saturation by 10% instead.


 21.9202, 11.4519,
9.8592


 21.9202, 11.4519,
9.8592


254.7695,
200.7421, 200.1124


 13.9146, 6.3717,
5.2013


 46.0939, 28.4928,
26.1340


 8.1426, 3.0724,
2.3051

 62.9927, 41.2223,
38.5880

 4.2389, 1.1696,
0.7341

 83.5865, 57.2703,
54.4778


 1.8381, 0.0367,
0.0000

 108.2408, 77.0213,
74.2219

 0.5405, 0.0000,
0.0000

 137.3209,
100.8595, 98.2388

 0.0000, 0.0000,
0.0000

 171.1921,

129.1695, 126.9472

210.2199,
162.3356, 160.7655

■ 21.9202, 11.4519,
9.8592

■ 21.9202, 11.4519,
9.8592

■ 21.2820, 10.8331,
7.6198

■ 22.8447, 12.5337,
12.5329

■ 21.2658, 10.8176,
7.5622

■ 24.1331, 14.2287,
15.6811

■ 25.8272, 16.6159,
19.3313

■ 27.9622, 19.7619,
23.5083

■ 30.5694, 23.7251,
28.2348

■ 33.6773, 28.5586,
33.5320

■ 37.3117, 34.3105,
39.4198

■ 41.4968, 41.0257,
45.9170

■ 46.2552, 48.7460,
53.0417

Harmonies

Analogous

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



20.8875, 11.4519, 25.1407



21.9202, 11.4519, 9.8592



19.4052, 11.4519, 2.7785

Triad

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



21.9202, 11.4519, 9.8592



6.5093, 11.4519, 1.2832



7.7949, 11.4519, 51.7161

Complementary

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



21.9202, 11.4519, 9.8592



20.8891, 36.1450, 23.0214

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.



5.3147, 11.4519, 33.7585



21.9202, 11.4519, 9.8592



4.7279, 11.4519, 4.9851

Square

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



21.9202, 11.4519, 9.8592



9.9305, 11.4519, 0.4000



4.3604, 11.4519, 15.5033



11.8981, 11.4519, 56.7352

Rectangle

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



21.9202, 11.4519, 9.8592



16.3764, 11.4519, 1.1231



4.3604, 11.4519, 15.5033



6.7825, 11.4519, 46.5901

Sweetspot

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



21.9205, 11.4526, 9.8594



61.7138, 53.3470, 62.3631



16.1716, 7.6713, 46.5273



12.8610, 10.8041, 12.7106



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



21.9205, 11.4526, 9.8594



37.9785, 19.3308, 12.9728



20.6650, 11.4409, 1.7361



9.1508, 9.0707, 10.1413



14.5142, 7.3794, 5.3286



0.5425, 0.2725, 0.3504

Inverse Universe

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



21.9205, 11.4526, 9.8594



37.9785, 19.3308, 12.9728



23.6206, 32.8308, 50.9909



9.1508, 9.0707, 10.1413



14.5142, 7.3794, 5.3286



0.5425, 0.2725, 0.3504

Previews

White Background



This preview shows how the XYZ color 21.9202, 11.4519, 9.8592 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 21.9202, 11.4519, 9.8592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

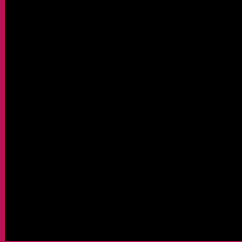
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.9202, 11.4519, 9.8592

Background



This preview shows how black text looks on a background with the XYZ color 21.9202, 11.4519, 9.8592.



This preview shows how white text looks on a background with the XYZ color 21.9202, 11.4519,

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

21.9202, 11.4519, 9.8592

Protanopia

11.9745, 11.9695, 20.4181

Deuteranopia

11.9716, 11.8235, 8.8589



Tritanopia

20.5714, 11.5934, 2.9872

Trichromacy



Original Color

21.9202, 11.4519, 9.8592

Protanomaly

13.3390, 9.6200, 15.9057

Deuteranomaly

14.0809, 9.9795, 8.9687

Tritanomaly

20.9467, 11.4462, 4.7197

Monochromacy



Original Color

21.9202, 11.4519, 9.8592

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

10.0166, 7.0246, 8.4174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9202, 11.4519, 9.8592 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(185, 19, 86)` looks like.

```
.text, #text, p{  
    color:rgb(185, 19, 86)  
}
```

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(185, 19, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 19, 86) }
```

Border

The CSS property to change the border of an element to XYZ 21.9202, 11.4519, 9.8592 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(185, 19, 86) }
```


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

```
.border{ border-color:rgb(185, 19, 86) }
```

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

Here you see how a box with a 4 pixel rgb(185, 19, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 19, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 19, 86);  
box-shadow:4px 4px 4px 4px rgb(185, 19,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9202, 11.4519, 9.8592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 19, 86) }
```

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

```
.background{ background-color: rgb(185, 19,  
86) }
```

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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