

Converting Colors

XYZ(21.5362, 11.0200, 11.6383)

Have a look what the booklet for
XYZ(21.5362, 11.0200, 11.6383)
contains.

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Color

**XYZ(21.4095, 10.9486,
11.5746)**

Conversions

Conversions Part 1

Format	Color
Hex	B6095E
RGB	182, 9, 94
RGB Percent	71%, 4%, 37%
CMY	0.2863, 0.9646, 0.6314
CMYK	0.00, 0.95, 0.48, 0.29
HSL	331°, 91%, 37%
HSV	331°, 95%, 71%
XYZ	21.4095, 10.9486, 11.5746
YIQ	70.4170, 75.8230, 63.1110

Conversions

Conversions Part 2

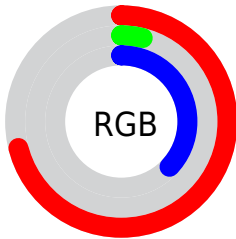
Format	Color
RYB	182, 9, 94
Decimal	11929950
CIELab	39.49, 65.03, 0.94
CIElCh	39, 65.033, 0.825
Yxy	10.9486, 0.4873, 0.2492
Android (android.graphics.Color)	4290120030 (0xFFB6095E)
YUV	70.4170, 11.6264, 97.8583
Hunter-Lab	33.0887, 57.5904, 2.4221

Details

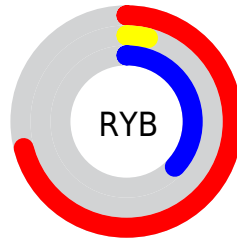
The XYZ color **21.4095, 10.9486, 11.5746** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **19.0000, 34.3777, 16.9505**, and the grayscale version is **5.8660, 6.1715, 6.7207**.

A 20% lighter version of the original color is **45.2447, 27.5653, 29.3215**, and **8.7019, 4.4244, 3.1917** is the 20% darker color. If you saturate the color by 10%, you get **21.1117, 10.6732, 10.4884**, and if you desaturate by 10%, it is **22.1498, 11.7240, 13.9960**.

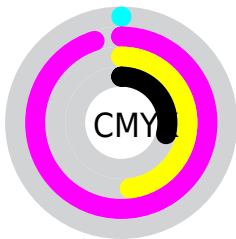
Distribution



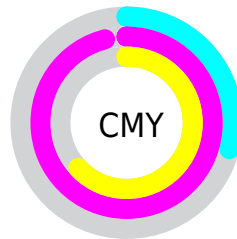
- Red (71%)
- Green (4%)
- Blue (37%)



- Red (71%)
- Yellow (4%)
- Blue (37%)



- Cyan (0%)
- Magenta (95%)
- Yellow (48%)
- Black (29%)



- Cyan (29%)
- Magenta (96%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4095, 10.9486, 11.5746 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 21.4095, 10.9486, 11.5746 by changing the saturation by 10% instead.

■ 21.4095, 10.9486,
11.5746

■ 21.4095, 10.9486,
11.5746

252.1376,
197.3146, 212.4453

■ 13.5378, 6.0323,
6.3357

■ 45.2542, 27.5651,
29.3706

■ 7.8795, 2.8647,
2.9782

■ 61.9580, 40.0340,
42.7649

■ 4.0691, 1.0615,
1.0835

■ 82.3365, 55.7893,
59.7146

■ 1.7413, 0.0000,
0.0000

■ 106.7551, 75.2153,
80.6385

■ 0.4819, 0.0000,
0.0000

■ 135.5791, 98.6965,
105.9549

■ 0.0000, 0.0000,
0.0000

■ 169.1740,

126.6171, 136.0825

207.9050,
159.3617, 171.4398

■ 21.4095, 10.9486,
11.5746

■ 21.4095, 10.9486,
11.5746

■ 21.1117, 10.6732,
10.4884

■ 22.1498, 11.7240,
13.9960

■ 23.1999, 13.0362,
16.7747

■ 24.6031, 14.9699,
19.9332

■ 26.3951, 17.5937,
23.4909

■ 28.6069, 20.9673,
27.4653

■ 31.2662, 25.1438,
31.8725

■ 34.3982, 30.1714,
36.7278

■ 38.0260, 36.0945,
42.0452

■ 42.1714, 42.9545,
47.8383

Harmonies

Analogous

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



19.7158, 10.9486, 28.1310



21.4095, 10.9486, 11.5746



19.5293, 10.9486, 3.2998

Triad

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



21.4095, 10.9486, 11.5746



6.6348, 10.9486, 0.8562



6.7928, 10.9486, 48.2336

Complementary

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



21.4095, 10.9486, 11.5746



19.0000, 34.3777, 16.9505

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.



4.6868, 10.9486, 29.2192



21.4095, 10.9486, 11.5746



4.6154, 10.9486, 3.5640

Square

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



21.4095, 10.9486, 11.5746



10.2846, 10.9486, 0.2144



4.0175, 10.9486, 12.2746



10.5290, 10.9486, 56.4884

Rectangle

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



21.4095, 10.9486, 11.5746



16.7415, 10.9486, 1.2622



4.0175, 10.9486, 12.2746



5.9128, 10.9486, 42.4390

Sweetspot

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



21.4098, 10.9492, 11.5748



59.7272, 50.4468, 62.5665



13.3145, 6.0340, 44.7189



12.6711, 10.3088, 13.0036



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.



21.4098, 10.9492, 11.5748



38.1567, 19.3030, 18.3903



19.4389, 10.1609, 1.1960



9.1835, 9.0838, 10.3139



14.9423, 7.5507, 7.5829



0.5580, 0.2787, 0.4320

Inverse Universe

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



21.4098, 10.9492, 11.5748



38.1567, 19.3030, 18.3903



25.2845, 36.8915, 50.0441



9.1835, 9.0838, 10.3139



14.9423, 7.5507, 7.5829



0.5580, 0.2787, 0.4320

Previews

White Background



This preview shows how the XYZ color 21.4095, 10.9486, 11.5746 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 21.4095, 10.9486, 11.5746 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 21.4095, 10.9486, 11.5746

Background



This preview shows how black text looks on a background with the XYZ color 21.4095, 10.9486, 11.5746.



This preview shows how white text looks on a background with the XYZ color 21.4095, 10.9486,

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

21.4095, 10.9486, 11.5746

Protanopia

11.8556, 11.5485, 24.5259

Deuteranopia

11.5703, 11.4520, 10.4047



Tritanopia

19.6334, 11.1099, 2.9433

Trichromacy



Original Color

21.4095, 10.9486, 11.5746

Protanomaly

12.6389, 8.7626, 18.7945

Deuteranomaly

13.3573, 9.2349, 10.5297

Tritanomaly

19.9780, 10.7927, 5.0332

Monochromacy



Original Color

21.4095, 10.9486, 11.5746

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.0238, 6.0579, 8.0908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4095, 10.9486, 11.5746 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(182, 9, 94)` looks like.

```
.text, #text, p{  
    color:rgb(182, 9, 94)  
}
```

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(182, 9, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 9, 94) }
```

Border

The CSS property to change the border of an element to XYZ 21.4095, 10.9486, 11.5746 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(182, 9, 94) }
```


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

```
.border{ border-color:rgb(182, 9, 94) }
```

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

Here you see how a box with a 4 pixel rgb(182, 9, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 9, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 9, 94);  
box-shadow:4px 4px 4px 4px rgb(182, 9, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 21.4095, 10.9486, 11.5746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 9, 94) }
```

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

```
.background{ background-color: rgb(182, 9,  
94) }
```

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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