

Converting Colors

XYZ(21.3486, 11.6832, 8.9145)

Have a look what the booklet for
XYZ(21.3486, 11.6832, 8.9145)
contains.

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Color

**XYZ(21.3486, 11.6832,
8.9145)**

Conversions

Conversions Part 1

Format	Color
Hex	B62251
RGB	182, 34, 81
RGB Percent	71%, 13%, 32%
CMY	0.2863, 0.8666, 0.6824
CMYK	0.00, 0.81, 0.55, 0.29
HSL	341°, 69%, 42%
HSV	341°, 81%, 71%
XYZ	21.3486, 11.6832, 8.9145
YIQ	83.6100, 73.1210, 45.9930

Conversions

Conversions Part 2

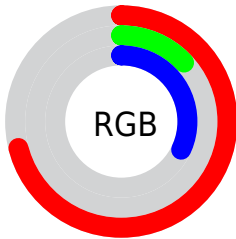
Format	Color
R_{YB}	182, 34, 81
Decimal	11936337
CIE Lab	40.71, 59.50, 10.93
CIE LCh	41, 60.498, 10.407
Yxy	11.6832, 0.5090, 0.2785
Android (android.graphics.Color)	4290126417 (0xFFB62251)
YUV	83.6100, -1.2867, 86.2880
Hunter-Lab	34.1807, 51.6714, 8.4634

Details

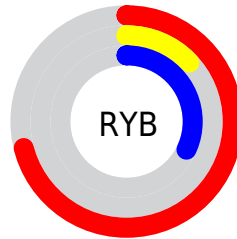
The XYZ color **21.3486, 11.6832, 8.9145** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **21.7619, 35.5456, 28.6400**, and the grayscale version is **8.3398, 8.7741, 9.5550**.

A 20% lighter version of the original color is **45.0836, 28.8508, 24.3117**, and **8.3600, 4.2711, 2.1341** is the 20% darker color. If you saturate the color by 10%, you get **20.5350, 10.7345, 6.5517**, and if you desaturate by 10%, it is **22.5233, 13.2178, 11.8183**.

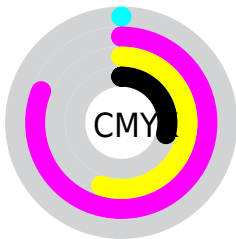
Distribution



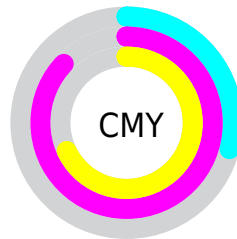
- Red (71%)
- Green (13%)
- Blue (32%)



- Red (71%)
- Yellow (13%)
- Blue (32%)



- Cyan (0%)
- Magenta (81%)
- Yellow (55%)
- Black (29%)





- Cyan (29%)
- Magenta (87%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3486, 11.6832, 8.9145 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 21.3486, 11.6832, 8.9145 by changing the saturation by 10% instead.


 21.3486, 11.6832,
8.9145


 21.3486, 11.6832,
8.9145


251.8222,
202.2966, 192.9333


 13.4930, 6.5283,
4.5894


 45.1539, 28.9168,
24.3078


 7.8482, 3.1689,
1.9539


 61.8343, 41.7643,
36.2130

 4.0490, 1.2206,
0.5267

 82.1870, 57.9449,
51.4821

 1.7299, 0.0784,
0.0000

 106.5773, 77.8428,
70.5335

 0.4749, 0.0000,
0.0000

 135.3706,
101.8426, 93.7858

 0.0000, 0.0000,
0.0000

 168.9323,

130.3285, 121.6575

207.6277,
163.6850, 154.5671

■ 21.3486, 11.6832,
8.9145

■ 21.3486, 11.6832,
8.9145

■ 20.5350, 10.7345,
6.5517

■ 22.5233, 13.2178,
11.8183

■ 20.0496, 10.2483,
4.8961

■ 24.1007, 15.4145,
15.2979

■ 26.1172, 18.3397,
19.3853

■ 28.6049, 22.0515,
24.1098

■ 31.5925, 26.6018,
29.4985

■ 35.1065, 32.0381,
35.5769

■ 39.1715, 38.4044,
42.3691

■ 43.8104, 45.7416,
49.8980

■ 49.0448, 54.0883,
58.1853

Harmonies

Analogous

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



20.8245, 11.6832, 22.3965



21.3486, 11.6832, 8.9145



18.6407, 11.6832, 2.7328

Triad

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



21.3486, 11.6832, 8.9145



6.5715, 11.6832, 1.8814



8.5627, 11.6832, 50.4560

Complementary

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



21.3486, 11.6832, 8.9145



21.7619, 35.5456, 28.6400

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.



5.9350, 11.6832, 34.9881



21.3486, 11.6832, 8.9145



5.0071, 11.6832, 6.3318

Square

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



21.3486, 11.6832, 8.9145



9.6807, 11.6832, 0.7469



4.8088, 11.6832, 17.4811



12.6615, 11.6832, 52.9488

Rectangle

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



21.3486, 11.6832, 8.9145



15.6944, 11.6832, 1.2540



4.8088, 11.6832, 17.4811



7.5101, 11.6832, 46.2842

Sweetspot

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



21.3489, 11.6839, 8.9147



61.5720, 54.8588, 60.9547



18.6368, 9.4819, 45.1036



13.0981, 11.3410, 12.5962



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.



21.3489, 11.6839, 8.9147



36.4211, 18.6911, 8.9969



21.1276, 13.1554, 2.9400



9.1190, 9.0580, 9.9739



14.1860, 7.2482, 3.6003



0.5291, 0.2671, 0.2794

Inverse Universe

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



21.3489, 11.6839, 8.9147



36.4211, 18.6911, 8.9969



21.2173, 27.9451, 48.5314



9.1190, 9.0580, 9.9739



14.1860, 7.2482, 3.6003



0.5291, 0.2671, 0.2794

Previews

White Background



This preview shows how the XYZ color 21.3486, 11.6832, 8.9145 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 21.3486, 11.6832, 8.9145 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 21.3486, 11.6832, 8.9145

Background



This preview shows how black text looks on a background with the XYZ color 21.3486, 11.6832, 8.9145.



This preview shows how white text looks on a background with the XYZ color 21.3486, 11.6832,

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

21.3486, 11.6832, 8.9145

Protanopia

11.8268, 11.9685, 17.0160

Deuteranopia

12.0898, 11.9005, 8.1384



Tritanopia

20.1967, 11.6941, 3.6753

Trichromacy



Original Color

21.3486, 11.6832, 8.9145

Protanomaly

13.4839, 10.2167, 13.5733

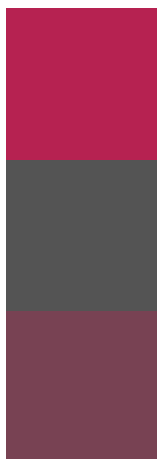
Deuteranomaly

14.3044, 10.6595, 8.3247

Tritanomaly

20.5786, 11.6468, 5.1664

Monochromacy



Original Color

21.3486, 11.6832, 8.9145

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

11.2553, 8.5140, 9.2338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3486, 11.6832, 8.9145 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, 34, 81)` looks like.

```
.text, #text, p{  
    color:rgb(182, 34, 81)  
}
```

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, 34, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 34, 81) }
```

Border

The CSS property to change the border of an element to XYZ 21.3486, 11.6832, 8.9145 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, 34, 81) }
```


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

```
.border{ border-color:rgb(182, 34, 81) }
```

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

Here you see how a box with a 4 pixel rgb(182, 34, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 34, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 34, 81);  
box-shadow:4px 4px 4px 4px rgb(182, 34,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3486, 11.6832, 8.9145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 34, 81) }
```

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

```
.background{ background-color: rgb(182, 34,  
81) }
```

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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