

Converting Colors

XYZ(21.5575, 11.7491, 8.9162)

Have a look what the booklet for
XYZ(21.5575, 11.7491, 8.9162)
contains.

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Color

**XYZ(21.5575, 11.7491,
8.9162)**

Conversions

Conversions Part 1

Format	Color
Hex	B72151
RGB	183, 33, 81
RGB Percent	72%, 13%, 32%
CMY	0.2824, 0.8705, 0.6824
CMYK	0.00, 0.82, 0.56, 0.28
HSL	341°, 69%, 42%
HSV	341°, 82%, 72%
XYZ	21.5575, 11.7491, 8.9162
YIQ	83.3220, 73.9920, 46.7280

Conversions

Conversions Part 2

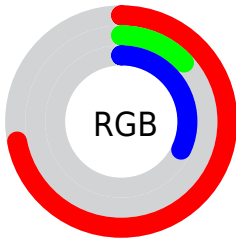
Format	Color
R_{YB}	183, 33, 81
Decimal	12001617
CIE _{Lab}	40.81, 60.03, 11.11
CIE _{LCh}	41, 61.051, 10.481
Yxy	11.7491, 0.5106, 0.2783
Android (android.graphics.Color)	4290191697 (0xFFB72151)
YUV	83.3220, -1.1447, 87.4176
Hunter-Lab	34.2770, 52.2777, 8.5712

Details

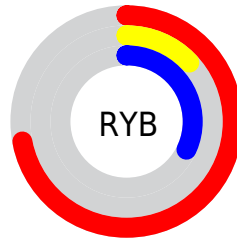
The XYZ color **21.5575, 11.7491, 8.9162** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **21.9351, 35.9400, 28.7075**, and the grayscale version is **8.2806, 8.7118, 9.4872**.

A 20% lighter version of the original color is **45.4297, 29.0292, 24.3279**, and **8.5023, 4.3445, 2.1407** is the 20% darker color. If you saturate the color by 10%, you get **20.7556, 10.8250, 6.5536**, and if you desaturate by 10%, it is **22.7215, 13.2606, 11.8217**.

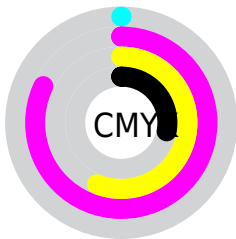
Distribution



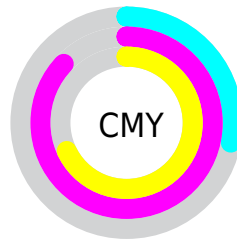
- Red (72%)
- Green (13%)
- Blue (32%)



- Red (72%)
- Yellow (13%)
- Blue (32%)



- Cyan (0%)
- Magenta (82%)
- Yellow (56%)
- Black (28%)



- Cyan (28%)
- Magenta (87%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5575, 11.7491, 8.9162 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 21.5575, 11.7491, 8.9162 by changing the saturation by 10% instead.

■ 21.5575, 11.7491,
8.9162

■ 21.5575, 11.7491,
8.9162

252.9027,
202.7371, 192.9465

■ 13.6469, 6.5731,
4.5905

■ 45.4979, 29.0373,
24.3111

■ 7.9555, 3.1966,
1.9546

■ 62.2583, 41.9183,
36.2174

■ 4.1181, 1.2352,
0.5271

■ 82.6995, 58.1364,
51.4876

■ 1.7692, 0.0902,
0.0000

■ 107.1866, 78.0759,
70.5402

■ 0.4990, 0.0000,
0.0000

■ 136.0852,
102.1214, 93.7939

■ 0.0000, 0.0000,
0.0000

■ 169.7605,

130.6572, 121.6672

208.5778,
164.0676, 154.5785

■ 21.5575, 11.7491,
8.9162

■ 21.5575, 11.7491,
8.9162

■ 20.7556, 10.8250,
6.5536

■ 22.7215, 13.2606,
11.8217

■ 20.3061, 10.3783,
5.0096

■ 24.2902, 15.4377,
15.3054

■ 26.3010, 18.3485,
19.3997

■ 28.7863, 22.0521,
24.1341

■ 31.7756, 26.6016,
29.5362

■ 35.2957, 32.0454,
35.6316

■ 39.3717, 38.4281,
42.4446

■ 44.0269, 45.7916,
49.9983

■ 49.2833, 54.1750,
58.3148

Harmonies

Analogous

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



21.0337, 11.7491, 22.5643



21.5575, 11.7491, 8.9162



18.8005, 11.7491, 2.7000

Triad

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



21.5575, 11.7491, 8.9162



6.5753, 11.7491, 1.8612



8.6026, 11.7491, 51.1743

Complementary

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



21.5575, 11.7491, 8.9162



21.9351, 35.9400, 28.7075

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.



5.9430, 11.7491, 35.4516



21.5575, 11.7491, 8.9162



5.0000, 11.7491, 6.3496

Square

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



21.5575, 11.7491, 8.9162



9.7157, 11.7491, 0.7227



4.8033, 11.7491, 17.6560



12.7564, 11.7491, 53.6721

Rectangle

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



21.5575, 11.7491, 8.9162



15.8084, 11.7491, 1.2262



4.8033, 11.7491, 17.6560



7.5369, 11.7491, 46.9368

Sweetspot

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



21.5578, 11.7498, 8.9164



60.9269, 53.8399, 59.9028



18.7650, 9.4943, 45.6431



12.9708, 11.1402, 12.3883



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.



21.5578, 11.7498, 8.9164



36.4416, 18.6993, 9.1048



21.3167, 13.2044, 2.8650



9.1199, 9.0583, 9.9786



14.1941, 7.2514, 3.6429



0.5294, 0.2672, 0.2814

Inverse Universe

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



21.5578, 11.7498, 8.9164



36.4416, 18.6993, 9.1048



21.4020, 28.1968, 49.1140



9.1199, 9.0583, 9.9786



14.1941, 7.2514, 3.6429



0.5294, 0.2672, 0.2814

Previews

White Background



This preview shows how the XYZ color 21.5575, 11.7491, 8.9162 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 21.5575, 11.7491, 8.9162 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 21.5575, 11.7491, 8.9162

Background



This preview shows how black text looks on a background with the XYZ color 21.5575, 11.7491, 8.9162.



This preview shows how white text looks on a background with the XYZ color 21.5575, 11.7491,

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

21.5575, 11.7491, 8.9162

Protanopia

11.9186, 12.1521, 17.0467

Deuteranopia

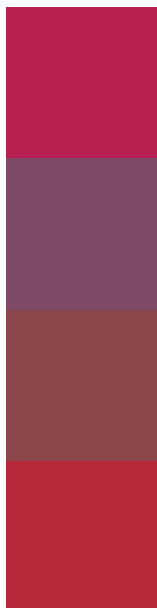
12.2206, 11.9680, 8.1445



Tritanopia

20.3746, 11.7334, 3.5738

Trichromacy



Original Color

21.5575, 11.7491, 8.9162

Protanomaly

13.5501, 10.3492, 13.5953

Deuteranomaly

14.4080, 10.6177, 8.3112

Tritanomaly

20.7554, 11.6915, 5.0337

Monochromacy



Original Color

21.5575, 11.7491, 8.9162

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

11.0210, 8.3117, 9.0061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5575, 11.7491, 8.9162 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(183, 33, 81)` looks like.

```
.text, #text, p{  
    color:rgb(183, 33, 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(183, 33, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 33, 81) }
```

Border

The CSS property to change the border of an element to XYZ 21.5575, 11.7491, 8.9162 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(183, 33, 81) }
```


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

```
.border{ border-color:rgb(183, 33, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 33, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 33, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 33, 81);  
box-shadow:4px 4px 4px 4px rgb(183, 33,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5575, 11.7491, 8.9162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 33, 81) }
```

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

```
.background{ background-color: rgb(183, 33,  
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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