

Converting Colors

XYZ(21.6074, 11.3499, 9.3095)

Have a look what the booklet for
XYZ(21.6074, 11.3499, 9.3095)
contains.

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Color

**XYZ(21.5967, 11.3512,
9.2363)**

Conversions

Conversions Part 1

Format	Color
Hex	B81553
RGB	184, 21, 83
RGB Percent	72%, 8%, 33%
CMY	0.2784, 0.9176, 0.6745
CMYK	0.00, 0.89, 0.55, 0.28
HSL	337°, 79%, 40%
HSV	337°, 89%, 72%
XYZ	21.5967, 11.3512, 9.2363
YIQ	76.8050, 77.2460, 53.8380

Conversions

Conversions Part 2

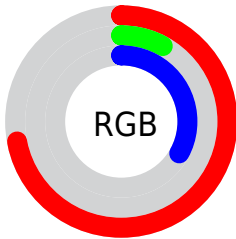
Format	Color
R_{YB}	184, 21, 83
Decimal	12064083
CIE _{Lab}	40.17, 63.01, 8.96
CIE _{LCh}	40, 63.648, 8.093
Yxy	11.3512, 0.5120, 0.2691
Android (android.graphics.Color)	4290254163 (0xFFB81553)
YUV	76.8050, 3.0541, 94.0100
Hunter-Lab	33.6915, 55.4605, 7.3301

Details

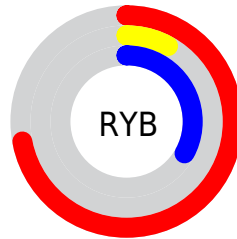
The XYZ color **21.5967, 11.3512, 9.2363** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **20.9641, 35.8462, 24.2323**, and the grayscale version is **7.0040, 7.3688, 8.0246**.

A 20% lighter version of the original color is **45.3934, 28.2232, 24.8849**, and **8.6784, 4.4316, 2.3174** is the 20% darker color. If you saturate the color by 10%, you get **20.9522, 10.7098, 7.0252**, and if you desaturate by 10%, it is **22.5450, 12.4844, 11.9061**.

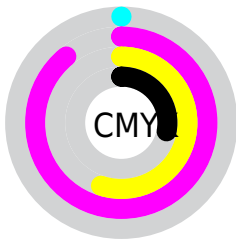
Distribution



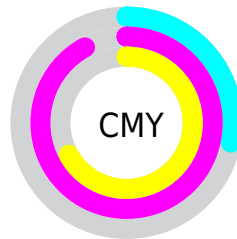
- Red (72%)
- Green (8%)
- Blue (33%)



- Red (72%)
- Yellow (8%)
- Blue (33%)



- Cyan (0%)
- Magenta (89%)
- Yellow (55%)
- Black (28%)





- Cyan (28%)
- Magenta (92%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5967, 11.3512, 9.2363 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 21.5967, 11.3512, 9.2363 by changing the saturation by 10% instead.


 21.5967, 11.3512,
9.2363


 21.5967, 11.3512,
9.2363


253.1050,
200.0614, 195.4135


 13.6758, 6.3036,
4.7967


 45.5624, 28.3078,
24.9337


 7.9757, 3.0305,
2.0718


 62.3378, 40.9855,
37.0287

 4.1311, 1.1477,
0.5989

 82.7955, 56.9755,
52.5125

 1.7766, 0.0184,
0.0000

 107.3008, 76.6620,
71.8037

 0.5035, 0.0000,
0.0000

 136.2190,
100.4294, 95.3209

 0.0000, 0.0000,
0.0000

 169.9156,

128.6622, 123.4826

208.7558,
161.7447, 156.7073

■ 21.5967, 11.3512,
9.2363

■ 21.5967, 11.3512,
9.2363

■ 20.9522, 10.7098,
7.0252

■ 22.5450, 12.4844,
11.9061

■ 20.8719, 10.6322,
6.7424

■ 23.8625, 14.2347,
15.0725

■ 25.5898, 16.6786,
18.7642

■ 27.7616, 19.8808,
23.0074

■ 30.4089, 23.8985,
27.8259

■ 33.5594, 28.7834,
33.2422

■ 37.2390, 34.5829,
39.2771

■ 41.4716, 41.3408,
45.9507

■ 46.2794, 49.0984,
53.2820

Harmonies

Analogous

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



20.7662, 11.3512, 23.8640



21.5967, 11.3512, 9.2363



18.9672, 11.3512, 2.5970

Triad

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



21.5967, 11.3512, 9.2363



6.3446, 11.3512, 1.3903



7.9154, 11.3512, 51.5606

Complementary

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



21.5967, 11.3512, 9.2363



20.9641, 35.8462, 24.2323

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.



5.3821, 11.3512, 34.3152



21.5967, 11.3512, 9.2363



4.6632, 11.3512, 5.3144

Square

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



21.5967, 11.3512, 9.2363



9.6348, 11.3512, 0.4361



4.3669, 11.3512, 16.1177



12.0318, 11.3512, 55.5927

Rectangle

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



21.5967, 11.3512, 9.2363



15.9404, 11.3512, 1.0676



4.3669, 11.3512, 16.1177



6.8874, 11.3512, 46.7375

Sweetspot

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



21.5970, 11.3519, 9.2365



61.5376, 53.2765, 61.4349



16.8790, 8.1006, 46.0213



12.8197, 10.7876, 12.4930



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.



21.5970, 11.3519, 9.2365



37.7285, 19.2309, 11.6566



20.6626, 11.7643, 1.8921



9.1421, 9.0672, 10.0959



14.4168, 7.3405, 4.8159



0.5388, 0.2710, 0.3305

Inverse Universe

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



21.5970, 11.3519, 9.2365



37.7285, 19.2309, 11.6566



22.4139, 30.5253, 50.0580



9.1421, 9.0672, 10.0959



14.4168, 7.3405, 4.8159



0.5388, 0.2710, 0.3305

Previews

White Background



This preview shows how the XYZ color 21.5967, 11.3512, 9.2363 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

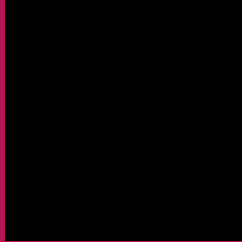
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.5967, 11.3512, 9.2363

Background



This preview shows how black text looks on a background with the XYZ color 21.5967, 11.3512, 9.2363.



This preview shows how white text looks on a background with the XYZ color 21.5967, 11.3512,

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

21.5967, 11.3512, 9.2363

Protanopia

11.6766, 11.7166, 18.7856

Deuteranopia

11.8137, 11.6208, 8.4579



Tritanopia

20.3028, 11.4082, 2.9656

Trichromacy



Original Color

21.5967, 11.3512, 9.2363

Protanomaly

13.0744, 9.5141, 14.5119

Deuteranomaly

13.8407, 9.8642, 8.5716

Tritanomaly

20.6843, 11.3136, 4.5836

Monochromacy



Original Color

21.5967, 11.3512, 9.2363

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

10.0769, 7.2038, 8.2565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5967, 11.3512, 9.2363 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(184, 21, 83)` looks like.

```
.text, #text, p{  
    color:rgb(184, 21, 83)  
}
```

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(184, 21, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 21, 83) }
```

Border

The CSS property to change the border of an element to XYZ 21.5967, 11.3512, 9.2363 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(184, 21, 83) }
```


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

```
.border{ border-color:rgb(184, 21, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 21, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 21, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 21, 83);  
box-shadow:4px 4px 4px 4px rgb(184, 21,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5967, 11.3512, 9.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 21, 83) }
```

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

```
.background{ background-color: rgb(184, 21,  
83) }
```

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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