

Converting Colors

XYZ(21.0501, 11.1490, 2.6741)

Have a look what the booklet for
XYZ(21.0501, 11.1490, 2.6741)
contains.

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Color

**XYZ(21.0448, 11.1579,
2.7136)**

Conversions

Conversions Part 1

Format	Color
Hex	BB1324
RGB	187, 19, 36
RGB Percent	73%, 7%, 14%
CMY	0.2667, 0.9254, 0.8588
CMYK	0.00, 0.90, 0.81, 0.27
HSL	354°, 82%, 40%
HSV	354°, 90%, 73%
XYZ	21.0448, 11.1579, 2.7136
YIQ	71.1700, 94.6710, 40.9030

Conversions

Conversions Part 2

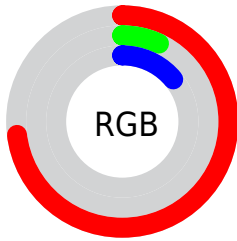
Format	Color
R_{YB}	187, 19, 36
Decimal	12260132
CIE _{Lab}	39.85, 61.77, 37.87
CIE _{LCh}	40, 72.456, 31.507
Yxy	11.1579, 0.6027, 0.3196
Android (android.graphics.Color)	4290450212 (0xFFBB1324)
YUV	71.1700, -17.3388, 101.5829
Hunter-Lab	33.4034, 54.0023, 18.5659

Details

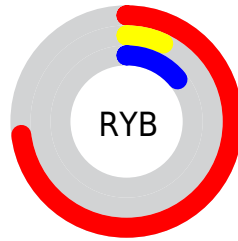
The XYZ color **21.0448, 11.1579, 2.7136** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **25.2969, 38.5821, 44.1547**, and the grayscale version is **6.0371, 6.3515, 6.9168**.

A 20% lighter version of the original color is **44.6771, 27.9197, 10.8189**, and **8.4574, 4.3600, 0.3958** is the 20% darker color. If you saturate the color by 10%, you get **20.6160, 10.6194, 1.5878**, and if you desaturate by 10%, it is **21.8159, 12.1886, 4.5482**.

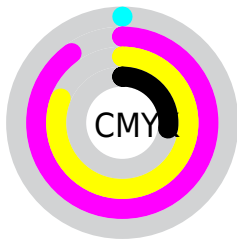
Distribution



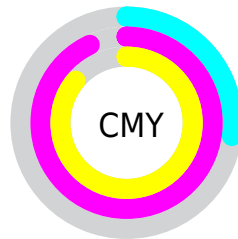
- Red (73%)
- Green (7%)
- Blue (14%)



- Red (73%)
- Yellow (7%)
- Blue (14%)



- Cyan (0%)
- Magenta (90%)
- Yellow (81%)
- Black (27%)



- Cyan (27%)
- Magenta (93%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0448, 11.1579, 2.7136 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 21.0448, 11.1579, 2.7136 by changing the saturation by 10% instead.

■ 21.0448, 11.1579,
2.7136

■ 21.0448, 11.1579,
2.7136

250.2437,
198.7477, 132.6249

■ 13.2694, 6.1731,
0.9503

■ 44.6528, 27.9518,
10.9132

■ 7.6926, 2.9506,
0.0000

■ 61.2161, 40.5297,
18.1865

■ 3.9490, 1.1060,
0.0000

■ 81.4394, 56.4075,
28.1337

■ 1.6733, 0.0000,
0.0000

■ 105.6881, 75.9694,
41.1731

■ 0.4395, 0.0000,
0.0000

■ 134.3275, 99.6001,
57.7234

■ 0.0000, 0.0000,
0.0000

■ 167.7230,

127.6837, 78.2031

206.2400,
160.6048, 103.0308

21.0448, 11.1579,
2.7136

21.0448, 11.1579,
2.7136

20.6160, 10.6194,
1.5878

21.8159, 12.1886,
4.5482

20.6100, 10.6114,
1.5736

23.0216, 13.8716,
7.1959

24.7149, 16.2924,
10.7374

26.9405, 19.5227,
15.2436

29.7385, 23.6260,
20.7781

■ 33.1449, 28.6593,
27.3992

■ 37.1926, 34.6748,
35.1605

■ 41.9123, 41.7208,
44.1125

■ 47.3328, 49.8425,
54.3023

Harmonies

Analogous

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



23.3483, 11.1579, 11.4421



21.0448, 11.1579, 2.7136



15.8613, 11.1579, 0.3509

Triad

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



21.0448, 11.1579, 2.7136



4.2188, 11.1579, 3.1999



10.8590, 11.1579, 65.3633

Complementary

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



21.0448, 11.1579, 2.7136



25.2969, 38.5821, 44.1547

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.



6.6612, 11.1579, 55.7105



21.0448, 11.1579, 2.7136



3.6236, 11.1579, 12.8845

Square

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



21.0448, 11.1579, 2.7136



6.3465, 11.1579, 0.4841



4.3565, 11.1579, 32.8580



16.4386, 11.1579, 53.7437

Rectangle

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



21.0448, 11.1579, 2.7136



12.0835, 11.1579, 0.0000



4.3565, 11.1579, 32.8580



9.2528, 11.1579, 64.4730

Sweetspot

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



21.0450, 11.1586, 2.7138



60.9894, 53.7414, 52.2062



25.2242, 12.3137, 48.0606



12.9219, 11.0802, 10.5154



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



21.0450, 11.1586, 2.7138



36.8738, 18.9895, 2.6127



23.7361, 16.8618, 2.6208



9.5683, 9.5516, 10.1157



14.2136, 7.3166, 1.1525



0.5700, 0.2919, 0.1151

Inverse Universe

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



21.0450, 11.1586, 2.7138



36.8738, 18.9895, 2.6127



16.2730, 17.7954, 49.5905



9.5683, 9.5516, 10.1157



14.2136, 7.3166, 1.1525



0.5700, 0.2919, 0.1151

Previews

White Background



This preview shows how the XYZ color 21.0448, 11.1579, 2.7136 looks on a white background.

Color Contrast Check

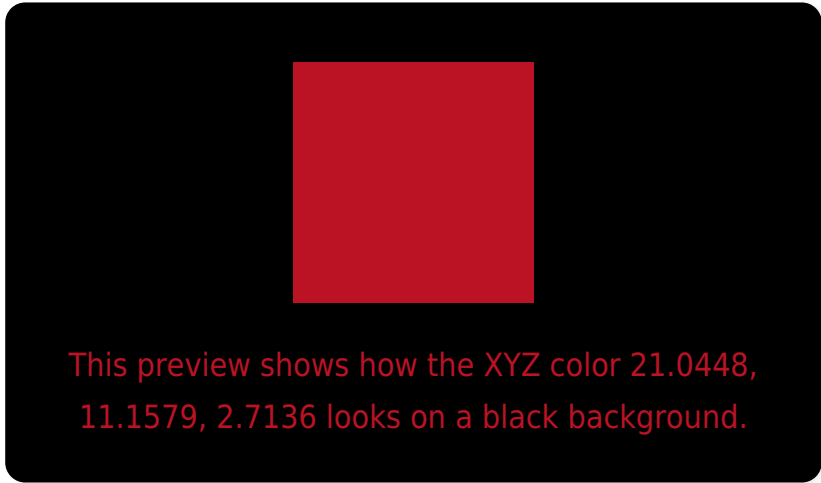
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0448, 11.1579, 2.7136

Background



This preview shows how black text looks on a background with the XYZ color 21.0448, 11.1579, 2.7136.



This preview shows how white text looks on a background with the XYZ color 21.0448, 11.1579,

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

21.0448, 11.1579, 2.7136

Protanopia

10.6982, 11.6448, 5.2983

Deuteranopia

11.6222, 11.5294, 2.3223



Tritanopia

20.9091, 11.2213, 1.6362

Trichromacy



Original Color

21.0448, 11.1579, 2.7136

Protanomaly

12.5923, 9.4985, 3.9660

Deuteranomaly

13.5783, 9.7845, 2.1502

Tritanomaly

20.9559, 11.2088, 1.9787

Monochromacy



Original Color

21.0448, 11.1579, 2.7136

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

8.8018, 6.2722, 4.7497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0448, 11.1579, 2.7136 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(187, 19, 36)` looks like.

```
.text, #text, p{  
    color:rgb(187, 19, 36)  
}
```

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(187, 19, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 19, 36) }
```

Border

The CSS property to change the border of an element to XYZ 21.0448, 11.1579, 2.7136 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(187, 19, 36) }
```


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

```
.border{ border-color:rgb(187, 19, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 19, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 19, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 19, 36);  
box-shadow:4px 4px 4px 4px rgb(187, 19,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0448, 11.1579, 2.7136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 19, 36) }
```

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

```
.background{ background-color: rgb(187, 19,  
36) }
```

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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