

Converting Colors

XYZ(21.3365, 11.7057, 7.6134)

Have a look what the booklet for
XYZ(21.3365, 11.7057, 7.6134)
contains.

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Color

**XYZ(21.3365, 11.7057,
7.6134)**

Conversions

Conversions Part 1

Format	Color
Hex	B7224A
RGB	183, 34, 74
RGB Percent	72%, 13%, 29%
CMY	0.2824, 0.8666, 0.7098
CMYK	0.00, 0.81, 0.60, 0.28
HSL	344°, 69%, 43%
HSV	344°, 81%, 72%
XYZ	21.3365, 11.7057, 7.6134
YIQ	83.1110, 75.9640, 44.0280

Conversions

Conversions Part 2

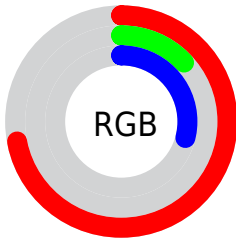
Format	Color
RYB	183, 34, 74
Decimal	12001866
CIELab	40.74, 59.29, 15.44
CIELCh	41, 61.266, 14.597
Yxy	11.7057, 0.5248, 0.2879
Android (android.graphics.Color)	4290191946 (0xFFB7224A)
YUV	83.1110, -4.4917, 87.6027
Hunter-Lab	34.2136, 51.4435, 10.7560

Details

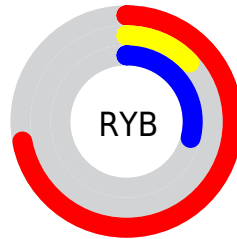
The XYZ color **21.3365, 11.7057, 7.6134** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **22.5523, 36.1907, 31.7880**, and the grayscale version is **8.2436, 8.6729, 9.4448**.

A 20% lighter version of the original color is **45.2612, 29.0020, 21.6248**, and **8.4157, 4.3099, 1.6847** is the 20% darker color. If you saturate the color by 10%, you get **20.5413, 10.7621, 5.3549**, and if you desaturate by 10%, it is **22.5066, 13.2456, 10.4707**.

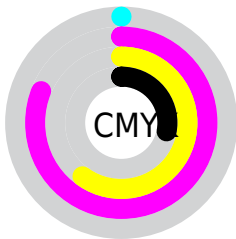
Distribution



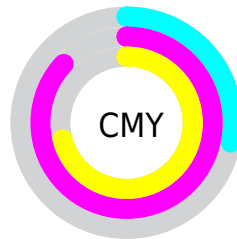
- Red (72%)
- Green (13%)
- Blue (29%)



- Red (72%)
- Yellow (13%)
- Blue (29%)



- Cyan (0%)
- Magenta (81%)
- Yellow (60%)
- Black (28%)



- Cyan (28%)
- Magenta (87%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3365, 11.7057, 7.6134 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 21.3365, 11.7057, 7.6134 by changing the saturation by 10% instead.

■ 21.3365, 11.7057,
7.6134

■ 21.3365, 11.7057,
7.6134

251.7594,
202.4471, 182.4874

■ 13.4841, 6.5436,
3.7644

■ 45.1340, 28.9580,
21.7305

■ 7.8420, 3.1784,
1.4970

■ 61.8097, 41.8169,
32.8357

■ 4.0450, 1.2255,
0.2157

■ 82.1572, 58.0103,
47.1966

■ 1.7276, 0.0824,
0.0000

■ 106.5419, 77.9224,
65.2320

■ 0.4735, 0.0000,
0.0000

■ 135.3291,
101.9378, 87.3601

■ 0.0000, 0.0000,
0.0000

■ 168.8842,

130.4408, 113.9997

207.5725,
163.8157, 145.5693

■ 21.3365, 11.7057,
7.6134

■ 21.3365, 11.7057,
7.6134

■ 20.5413, 10.7621,
5.3549

■ 22.5066, 13.2456,
10.4707

■ 20.0852, 10.2900,
3.8463

■ 24.0950, 15.4597,
13.9687

■ 26.1401, 18.4160,
18.1458

■ 28.6751, 22.1736,
23.0368

■ 31.7303, 26.7857,
28.6743

■ 35.3334, 32.3009,
35.0885

■ 39.5100, 38.7639,
42.3080

■ 44.2843, 46.2168,
50.3600

■ 49.6788, 54.6988,
59.2702

Harmonies

Analogous

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



21.2895, 11.7057, 20.2219



21.3365, 11.7057, 7.6134



18.2043, 11.7057, 2.2422

Triad

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



21.3365, 11.7057, 7.6134



6.2276, 11.7057, 2.1682



9.0497, 11.7057, 52.5712

Complementary

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



21.3365, 11.7057, 7.6134



22.5523, 36.1907, 31.7880

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.



6.1713, 11.7057, 38.0322



21.3365, 11.7057, 7.6134



4.8553, 11.7057, 7.3848

Square

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



21.3365, 11.7057, 7.6134



9.1491, 11.7057, 0.7663



4.8378, 11.7057, 19.7823



13.3687, 11.7057, 52.7959

Rectangle

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



21.3365, 11.7057, 7.6134



15.1118, 11.7057, 1.0443



4.8378, 11.7057, 19.7823



7.9109, 11.7057, 48.9169

Sweetspot

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



21.3368, 11.7064, 7.6136



61.2518, 54.7307, 59.2685



20.0678, 10.2076, 45.7122



13.0202, 11.3098, 12.1860



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.



21.3368, 11.7064, 7.6136



36.0434, 18.5400, 7.0081



21.7826, 14.1135, 3.0904



9.1010, 9.0508, 9.8791



14.0368, 7.1885, 2.8148



0.5215, 0.2641, 0.2397

Inverse Universe

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



21.3368, 11.7064, 7.6136



36.0434, 18.5400, 7.0081



20.2287, 25.8021, 48.7138



9.1010, 9.0508, 9.8791



14.0368, 7.1885, 2.8148



0.5215, 0.2641, 0.2397

Previews

White Background



This preview shows how the XYZ color 21.3365, 11.7057, 7.6134 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 21.3365, 11.7057, 7.6134 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 21.3365, 11.7057, 7.6134

Background



This preview shows how black text looks on a background with the XYZ color 21.3365, 11.7057, 7.6134.



This preview shows how white text looks on a background with the XYZ color 21.3365, 11.7057,

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

21.3365, 11.7057, 7.6134

Protanopia

11.6027, 12.0501, 14.2847

Deuteranopia

12.1299, 11.9470, 6.9769



Tritanopia

20.5554, 11.7754, 3.4750

Trichromacy



Original Color

21.3365, 11.7057, 7.6134

Protanomaly

13.2826, 10.2595, 11.4054

Deuteranomaly

14.2381, 10.6524, 7.1000

Tritanomaly

20.6828, 11.6625, 4.6510

Monochromacy



Original Color

21.3365, 11.7057, 7.6134

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

10.9460, 8.2817, 8.6110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3365, 11.7057, 7.6134 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, 34, 74)` looks like.

```
.text, #text, p{  
  color:rgb(183, 34, 74)  
}
```

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, 34, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 34, 74) }
```

Border

The CSS property to change the border of an element to XYZ 21.3365, 11.7057, 7.6134 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, 34, 74) }
```


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

```
.border{ border-color:rgb(183, 34, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 34, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 34, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 34, 74);  
box-shadow:4px 4px 4px 4px rgb(183, 34,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3365, 11.7057, 7.6134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 34, 74) }
```

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

```
.background{ background-color: rgb(183, 34,  
74) }
```

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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