

Converting Colors

XYZ(21.3279, 11.6911, 15.7056)

Have a look what the booklet for
XYZ(21.3279, 11.6911, 15.7056)
contains.

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Color

**XYZ(21.3579, 11.7205,
15.6046)**

Conversions

Conversions Part 1

Format	Color
Hex	B0266D
RGB	176, 38, 109
RGB Percent	69%, 15%, 43%
CMY	0.3098, 0.8509, 0.5725
CMYK	0.00, 0.78, 0.38, 0.31
HSL	329°, 64%, 42%
HSV	329°, 78%, 69%
XYZ	21.3579, 11.7205, 15.6046
YIQ	87.3560, 59.4570, 51.3370

Conversions

Conversions Part 2

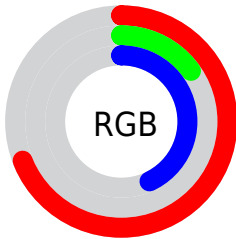
Format	Color
R _Y B	176, 38, 109
Decimal	11544173
CIE Lab	40.77, 59.29, -6.79
CIE LCh	41, 59.675, 353.470
Yxy	11.7205, 0.4387, 0.2408
Android (android.graphics.Color)	4289734253 (0xFFB0266D)
YUV	87.3560, 10.6705, 77.7408
Hunter-Lab	34.2352, 51.4470, -3.0601

Details

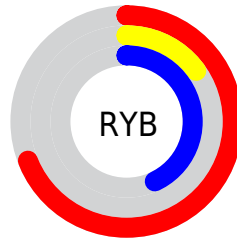
The XYZ color **21.3579, 11.7205, 15.6046** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **18.8754, 32.4830, 18.6425**, and the grayscale version is **9.1056, 9.5798, 10.4325**.

A 20% lighter version of the original color is **45.3049, 29.1063, 36.4879**, and **8.3407, 4.1994, 4.9284** is the 20% darker color. If you saturate the color by 10%, you get **20.4842, 10.6740, 13.1530**, and if you desaturate by 10%, it is **22.5429, 13.3181, 18.3809**.

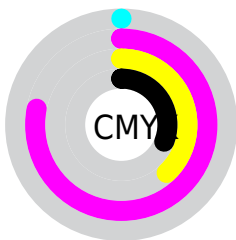
Distribution



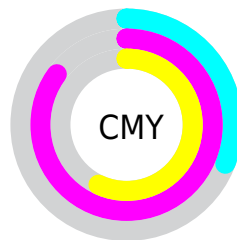
- Red (69%)
- Green (15%)
- Blue (43%)



- Red (69%)
- Yellow (15%)
- Blue (43%)



- Cyan (0%)
- Magenta (78%)
- Yellow (38%)
- Black (31%)



- Cyan (31%)
- Magenta (85%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3579, 11.7205, 15.6046 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 21.3579, 11.7205, 15.6046 by changing the saturation by 10% instead.

■ 21.3579, 11.7205,
15.6046

■ 21.3579, 11.7205,
15.6046

251.8703,
202.5460, 238.7626

■ 13.4998, 6.5537,
9.0935

■ 45.1692, 28.9850,
36.6676

■ 7.8530, 3.1846,
4.7046

■ 61.8532, 41.8515,
52.0565

■ 4.0520, 1.2288,
2.0193

■ 82.2098, 58.0533,
71.2418

■ 1.7316, 0.0851,
0.5671

■ 106.6044, 77.9748,
94.6420

■ 0.4759, 0.0000,
0.0000

■ 135.4025,
102.0005, 122.6757

■ 0.0000, 0.0000,
0.0000

■ 168.9692,

130.5146, 155.7613

207.6701,
163.9017, 194.3174

■ 21.3579, 11.7205,
15.6046

■ 21.3579, 11.7205,
15.6046

■ 20.4842, 10.6740,
13.1530

■ 22.5429, 13.3181,
18.3809

■ 19.8627, 10.0622,
10.9997

■ 24.0727, 15.5317,
21.4987

■ 19.7732, 9.9776,
10.6785

■ 25.9770, 18.4190,
24.9740

■ 28.2822, 22.0308,
28.8209

■ 31.0119, 26.4127,
33.0528

■ 34.1880, 31.6066,
37.6821

■ 37.8307, 37.6514,
42.7207

■ 41.9589, 44.5834,
48.1798

■ 46.5906, 52.4369,
54.0701

Harmonies

Analogous

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



19.0564, 11.7205, 32.3084



21.3579, 11.7205, 15.6046



20.4132, 11.7205, 5.5399

Triad

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



21.3579, 11.7205, 15.6046



8.1991, 11.7205, 1.0926



6.9587, 11.7205, 42.2075

Complementary

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



21.3579, 11.7205, 15.6046



18.8754, 32.4830, 18.6425

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.



5.2116, 11.7205, 24.4980



21.3579, 11.7205, 15.6046



5.7904, 11.7205, 3.2998

Square

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



21.3579, 11.7205, 15.6046



12.0929, 11.7205, 0.7692



4.8460, 11.7205, 10.2868



10.2385, 11.7205, 52.8359

Rectangle

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



21.3579, 11.7205, 15.6046



18.1637, 11.7205, 2.4970



4.8460, 11.7205, 10.2868



6.2101, 11.7205, 36.4979

Sweetspot

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



21.3582, 11.7211, 15.6048



58.4407, 51.4752, 63.2033



14.3211, 7.5070, 41.7683



12.2477, 10.4763, 13.0791



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



21.3582, 11.7211, 15.6048



36.3128, 18.5227, 20.9810



18.9862, 10.7723, 3.1139



8.6728, 8.5758, 9.7751



14.5377, 7.3326, 7.9914



0.4868, 0.2425, 0.4059

Inverse Universe

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



21.3582, 11.7211, 15.6048



36.3128, 18.5227, 20.9810



23.9358, 34.5071, 45.2902



8.6728, 8.5758, 9.7751



14.5377, 7.3326, 7.9914



0.4868, 0.2425, 0.4059

Previews

White Background



This preview shows how the XYZ color 21.3579, 11.7205, 15.6046 looks on a white background.

Color Contrast Check

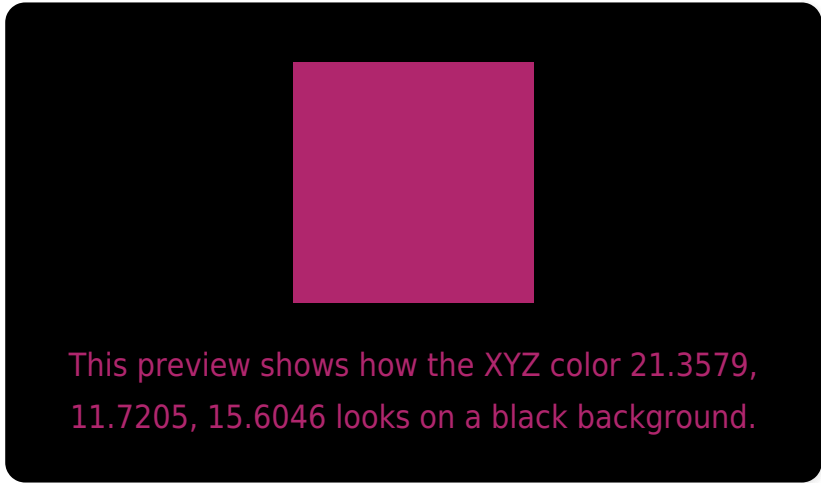
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3579, 11.7205, 15.6046

Background



This preview shows how black text looks on a background with the XYZ color 21.3579, 11.7205, 15.6046.



This preview shows how white text looks on a background with the XYZ color 21.3579, 11.7205,

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

21.3579, 11.7205, 15.6046

Protanopia

12.7576, 12.1778, 29.2819

Deuteranopia

12.1099, 11.9078, 14.2305



Tritanopia

19.2913, 11.8180, 5.1352

Trichromacy



Original Color

21.3579, 11.7205, 15.6046

Protanomaly

13.8199, 10.3704, 23.4636

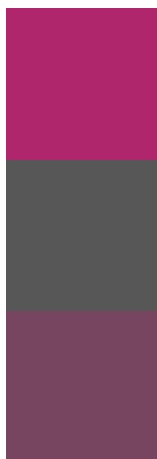
Deuteranomaly

14.2045, 10.6633, 14.6742

Tritanomaly

19.8170, 11.6344, 8.0387

Monochromacy



Original Color

21.3579, 11.7205, 15.6046

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

11.8014, 9.0044, 11.9425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3579, 11.7205, 15.6046 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(176, 38, 109)` looks like.

```
.text, #text, p{  
    color:rgb(176, 38, 109)  
}
```

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(176, 38, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 38, 109) }
```

Border

The CSS property to change the border of an element to XYZ 21.3579, 11.7205, 15.6046 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(176, 38, 109) }
```


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

```
.border{ border-color:rgb(176, 38, 109) }
```

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

Here you see how a box with a 4 pixel rgb(176, 38, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 38, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 38, 109);  
box-shadow:4px 4px 4px 4px rgb(176, 38,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3579, 11.7205, 15.6046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 38, 109) }
```

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

```
.background{ background-color: rgb(176, 38,  
109) }
```

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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