

Converting Colors

XYZ(30.7989, 19.8284, 41.7391)

Have a look what the booklet for
XYZ(30.7989, 19.8284, 41.7391)
contains.

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Color

**XYZ(30.7989, 19.8284,
41.7391)**

Conversions

Conversions Part 1

Format	Color
Hex	B955AD
RGB	185, 85, 173
RGB Percent	73%, 33%, 68%
CMY	0.2745, 0.6666, 0.3216
CMYK	0.00, 0.54, 0.06, 0.27
HSL	307°, 42%, 53%
HSV	307°, 54%, 73%
XYZ	30.7989, 19.8284, 41.7391
YIQ	124.9320, 31.3520, 48.5680

Conversions

Conversions Part 2

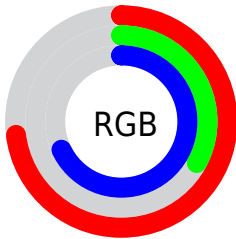
Format	Color
R_{YB}	185, 85, 173
Decimal	12146093
CIE _{Lab}	51.64, 51.86, -28.66
CIE _{LCh}	52, 59.257, 331.075
Yxy	19.8284, 0.3334, 0.2147
Android (android.graphics.Color)	4290336173 (0xFFB955AD)
YUV	124.9320, 23.6975, 52.6796
Hunter-Lab	44.5291, 45.5350, -24.4048

Details

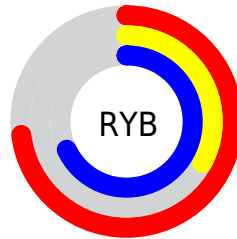
The XYZ color **30.7989, 19.8284, 41.7391** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **23.2538, 37.4930, 17.3219**, and the grayscale version is **19.3863, 20.3959, 22.2111**.

A 20% lighter version of the original color is **60.3376, 43.1771, 79.2826**, and **12.8828, 6.9019, 18.4225** is the 20% darker color. If you saturate the color by 10%, you get **29.3154, 17.2020, 40.1936**, and if you desaturate by 10%, it is **32.6680, 23.2195, 43.4312**.

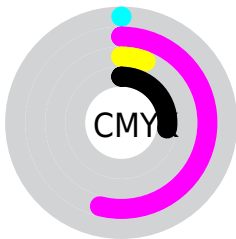
Distribution



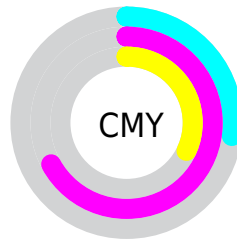
- Red (73%)
- Green (33%)
- Blue (68%)



- Red (73%)
- Yellow (33%)
- Blue (68%)



- Cyan (0%)
- Magenta (54%)
- Yellow (6%)
- Black (27%)



- Cyan (27%)
- Magenta (67%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7989, 19.8284, 41.7391 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 30.7989, 19.8284, 41.7391 by changing the saturation by 10% instead.

30.7989, 19.8284,
41.7391

30.7989, 19.8284,
41.7391

297.4542,
250.9846, 369.1680

20.5968, 12.2704,
28.5730

60.3013, 43.1293,
79.0704

12.9404, 6.9281,
18.5153

80.3324, 59.6410,
104.0728

7.4642, 3.4172,
11.1473

104.3705, 79.9059,
133.8576

3.8030, 1.3532,
6.0506

132.7810,
104.3086, 168.8434

1.5913, 0.1819,
2.8066

165.9293,
133.2335, 209.4489

0.3867, 0.0000,
0.9967

204.1807,

0.0000, 0.0000,

167.0648, 256.0924

0.0000

247.9005,
206.1871, 309.1926

■ 30.7989, 19.8284,
41.7391

■ 30.7989, 19.8284,
41.7391

■ 29.3154, 17.2020,
40.1936

■ 32.6680, 23.2195,
43.4312

■ 28.1852, 15.2768,
38.7831

■ 34.9478, 27.4266,
45.2776

■ 27.3738, 13.9837,
37.4964

■ 37.6636, 32.5000,
47.2872

■ 26.8392, 13.2385,
36.3193

■ 40.8381, 38.4850,
49.4676

■ 26.6007, 12.9516,
35.6539

■ 44.4923, 45.4236,
51.8258

■ 48.6461, 53.3556,
54.3686

■ 53.3182, 62.3181,
57.1022

■ 58.5261, 72.3465,
60.0327

■ 64.2869, 83.4746,
63.1656

Harmonies

Analogous

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



25.4213, 19.8284, 63.8221



30.7989, 19.8284, 41.7391



32.8279, 19.8284, 20.9784

Triad

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



30.7989, 19.8284, 41.7391



18.6316, 19.8284, 2.5711



10.6182, 19.8284, 43.4201

Complementary

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



30.7989, 19.8284, 41.7391



23.2538, 37.4930, 17.3219

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.



9.5338, 19.8284, 22.2128



30.7989, 19.8284, 41.7391



13.5156, 19.8284, 3.8902

Square

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



30.7989, 19.8284, 41.7391



24.9684, 19.8284, 3.6966



10.4718, 19.8284, 9.2638



13.8169, 19.8284, 65.1018

Rectangle

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



30.7989, 19.8284, 41.7391



31.7306, 19.8284, 11.7865



10.4718, 19.8284, 9.2638



10.0289, 19.8284, 35.7170

Sweetspot

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



30.7996, 19.8293, 41.7395



71.8107, 66.4123, 87.7051



16.9007, 12.5239, 47.4261



15.2247, 13.8334, 18.7334



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.



30.7996, 19.8293, 41.7395



52.0470, 30.0177, 71.4587



26.8530, 18.2507, 20.9570



9.3333, 9.1437, 11.1024



18.1303, 8.8259, 24.3707



0.6523, 0.3164, 0.9286

Inverse Universe

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



30.7996, 19.8293, 41.7395



52.0470, 30.0177, 71.4587



26.3364, 38.7261, 33.5546



9.3333, 9.1437, 11.1024



18.1303, 8.8259, 24.3707



0.6523, 0.3164, 0.9286

Previews

White Background



This preview shows how the XYZ color 30.7989, 19.8284, 41.7391 looks on a white background.

Color Contrast Check

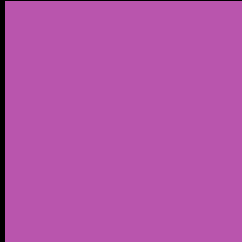
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.7989, 19.8284, 41.7391 looks on a black 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

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

XYZ 30.7989, 19.8284, 41.7391

Background



This preview shows how black text looks on a background with the XYZ color 30.7989, 19.8284, 41.7391.



This preview shows how white text looks on a background with the XYZ color 30.7989, 19.8284,

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

30.7989, 19.8284, 41.7391

Protanopia

21.9312, 20.2107, 59.2451

Deuteranopia

20.4901, 20.0886, 39.3568



Tritanopia

25.7206, 19.8550, 16.6641

Trichromacy



Original Color

30.7989, 19.8284, 41.7391



Protanomaly

23.3344, 18.8909, 52.2856



Deuteranomaly

23.1113, 19.2051, 40.0250



Tritanomaly

27.3131, 19.6741, 24.1877

Monochromacy



Original Color

30.7989, 19.8284, 41.7391



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

22.4910, 19.3079, 28.1326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7989, 19.8284, 41.7391 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(185, 85, 173)` looks like.

```
.text, #text, p{  
    color:rgb(185, 85, 173)  
}
```

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(185, 85, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 85, 173) }
```

Border

The CSS property to change the border of an element to XYZ 30.7989, 19.8284, 41.7391 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(185, 85, 173) }
```


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

```
.border{ border-color:rgb(185, 85, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 85, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 85, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 85, 173);  
box-shadow:4px 4px 4px 4px rgb(185, 85,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7989, 19.8284, 41.7391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 85, 173) }
```

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

```
.background{ background-color: rgb(185, 85,  
173) }
```

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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