

Converting Colors

XYZ(28.2007, 19.2314, 41.2554)

Have a look what the booklet for
XYZ(28.2007, 19.2314, 41.2554)
contains.

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Color

**XYZ(28.2007, 19.2314,
41.2554)**

Conversions

Conversions Part 1

Format	Color
Hex	AC5BAC
RGB	172, 91, 172
RGB Percent	67%, 36%, 67%
CMY	0.3255, 0.6431, 0.3255
CMYK	0.00, 0.47, 0.00, 0.33
HSL	300°, 33%, 52%
HSV	300°, 47%, 67%
XYZ	28.2007, 19.2314, 41.2554
YIQ	124.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

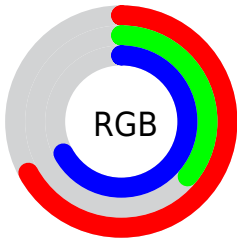
Format	Color
R _{YB}	172, 91, 172
Decimal	11295660
CIE Lab	50.96, 44.88, -29.28
CIE LCh	51, 53.585, 326.879
Yxy	19.2314, 0.3180, 0.2168
Android (android.graphics.Color)	4289485740 (0xFFAC5BAC)
YUV	124.4530, 23.4407, 41.6987
Hunter-Lab	43.8536, 38.0432, -25.0797

Details

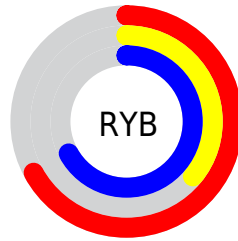
The XYZ color **28.2007, 19.2314, 41.2554** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **20.9560, 32.4852, 15.0644**, and the grayscale version is **19.2289, 20.2303, 22.0308**.

A 20% lighter version of the original color is **56.2899, 42.2060, 78.5785**, and **11.5265, 6.6345, 18.1258** is the 20% darker color. If you saturate the color by 10%, you get **26.8956, 16.6208, 40.8205**, and if you desaturate by 10%, it is **29.8441, 22.5176, 41.8034**.

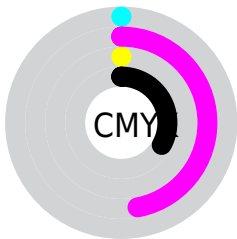
Distribution



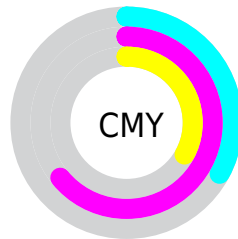
- Red (67%)
- Green (36%)
- Blue (67%)



- Red (67%)
- Yellow (36%)
- Blue (67%)



- Cyan (0%)
- Magenta (47%)
- Yellow (0%)
- Black (33%)



- Cyan (33%)
- Magenta (64%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2007, 19.2314, 41.2554 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 28.2007, 19.2314, 41.2554 by changing the saturation by 10% instead.

■ 28.2007, 19.2314,
41.2554

■ 28.2007, 19.2314,
41.2554

285.4874,
247.7233, 367.0951

■ 18.6182, 11.8376,
28.1975

■ 56.2111, 42.1247,
78.3293

■ 11.4971, 6.6332,
18.2343

■ 75.3698, 58.3931,
103.1824

■ 6.4720, 3.2338,
10.9471

■ 98.4512, 78.3884,
132.8044

■ 3.1775, 1.2550,
5.9176

■ 125.8208,
102.4951, 167.6136

■ 1.2483, 0.1059,
2.7270

157.8438,
131.0975, 208.0288

■ 0.1440, 0.0000,
0.9570

194.8857,

■ 0.0000, 0.0000,

164.5801, 254.4684

0.0000

237.3118,
203.3272, 307.3510

■ 28.2007, 19.2314,
41.2554

■ 28.2007, 19.2314,
41.2554

■ 26.8956, 16.6208,
40.8205

■ 29.8441, 22.5176,
41.8034

■ 25.9035, 14.6366,
40.4898

■ 31.8449, 26.5192,
42.4704

■ 25.1987, 13.2270,
40.2548


■ 34.2231, 31.2758,
43.2632


■ 24.7507, 12.3310,
40.1054


■ 36.9969, 36.8233,
44.1878


■ 24.5142, 11.8579,
40.0265

■ 40.1830, 43.1955,
45.2499

 24.4599, 11.7493,
40.0084

 43.7974, 50.4242,
46.4547

 47.8550, 58.5394,
47.8073

 52.3701, 67.5697,
49.3124

 57.3565, 77.5425,
50.9745

Harmonies

Analogous

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



23.2791, 19.2314, 59.2031



28.2007, 19.2314, 41.2554



30.4465, 19.2314, 22.5680

Triad

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



28.2007, 19.2314, 41.2554



18.8389, 19.2314, 3.2338



10.6183, 19.2314, 37.0825

Complementary

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



28.2007, 19.2314, 41.2554



20.9560, 32.4852, 15.0644

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.



9.8808, 19.2314, 19.3917



28.2007, 19.2314, 41.2554



14.0514, 19.2314, 4.2131

Square

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



28.2007, 19.2314, 41.2554



24.4257, 19.2314, 4.7822



11.0090, 19.2314, 8.7062



13.2609, 19.2314, 56.0847

Rectangle

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



28.2007, 19.2314, 41.2554



29.8553, 19.2314, 13.5633



11.0090, 19.2314, 8.7062



10.1645, 19.2314, 30.5981

Sweetspot

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



28.2014, 19.2323, 41.2558



63.4399, 59.4477, 78.9366



15.5028, 12.6859, 40.6617



13.5688, 12.4830, 17.0820



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.2014, 19.2323, 41.2558



48.6013, 29.7706, 73.9901



24.8858, 17.9060, 23.7964



8.3371, 8.1481, 10.0860



18.2019, 8.7433, 29.7725



0.5064, 0.2432, 0.8282

Inverse Universe

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



28.2014, 19.2323, 41.2558



48.6013, 29.7706, 73.9901



23.1984, 33.3821, 26.8725



8.3371, 8.1481, 10.0860



18.2019, 8.7433, 29.7725



0.5064, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 28.2007, 19.2314, 41.2554 looks on a white background.

Color Contrast Check

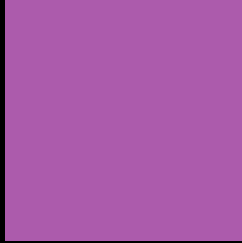
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2007, 19.2314, 41.2554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

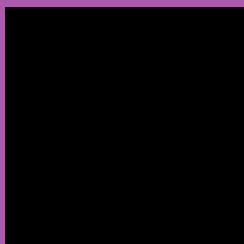
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2007, 19.2314, 41.2554

Background



This preview shows how black text looks on a background with the XYZ color 28.2007, 19.2314, 41.2554.



This preview shows how white text looks on a background with the XYZ color 28.2007, 19.2314,

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

28.2007, 19.2314, 41.2554

Protanopia

20.9743, 19.4545, 54.8742

Deuteranopia

19.8759, 19.4111, 39.2584



Tritanopia

23.5493, 19.2947, 18.1059

Trichromacy



Original Color

28.2007, 19.2314, 41.2554



Protanomaly

22.3234, 18.5901, 49.4254



Deuteranomaly

21.9901, 18.6271, 39.9725



Tritanomaly

25.0087, 19.1604, 24.9345

Monochromacy



Original Color

28.2007, 19.2314, 41.2554



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

21.5864, 19.1741, 27.7626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2007, 19.2314, 41.2554 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(172, 91, 172)` looks like.

```
.text, #text, p{  
    color:rgb(172, 91, 172)  
}
```

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(172, 91, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 91, 172) }
```

Border

The CSS property to change the border of an element to XYZ 28.2007, 19.2314, 41.2554 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(172, 91, 172) }
```


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

```
.border{ border-color:rgb(172, 91, 172) }
```

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

Here you see how a box with a 4 pixel rgb(172, 91, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 91, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 91, 172);  
box-shadow:4px 4px 4px 4px rgb(172, 91,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2007, 19.2314, 41.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 91, 172) }
```

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

```
.background{ background-color: rgb(172, 91,  
172) }
```

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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