

Converting Colors

XYZ(30.0815, 22.1574, 41.2194)

Have a look what the booklet for
XYZ(30.0815, 22.1574, 41.2194)
contains.

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Color

**XYZ(30.0815, 22.1574,
41.2194)**

Conversions

Conversions Part 1

Format	Color
Hex	AF69AB
RGB	175, 105, 171
RGB Percent	69%, 41%, 67%
CMY	0.3137, 0.5882, 0.3294
CMYK	0.00, 0.40, 0.02, 0.31
HSL	303°, 30%, 55%
HSV	303°, 40%, 69%
XYZ	30.0815, 22.1574, 41.2194
YIQ	133.4540, 20.5340, 35.3660

Conversions

Conversions Part 2

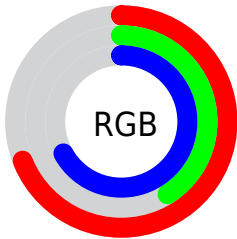
Format	Color
R_{YB}	175, 105, 171
Decimal	11495851
CIE _{Lab}	54.19, 38.18, -23.66
CIE _{LCh}	54, 44.917, 328.218
Yxy	22.1574, 0.3219, 0.2371
Android (android.graphics.Color)	4289685931 (0xFFAF69AB)
YUV	133.4540, 18.5102, 36.4358
Hunter-Lab	47.0716, 31.6964, -18.9685

Details

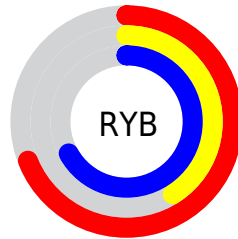
The XYZ color **30.0815, 22.1574, 41.2194** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.9170, 34.7682, 19.9197**, and the grayscale version is **22.3898, 23.5558, 25.6523**.

A 20% lighter version of the original color is **59.3707, 47.1556, 78.6458**, and **12.5811, 8.1292, 18.3588** is the 20% darker color. If you saturate the color by 10%, you get **28.3844, 18.9147, 40.1853**, and if you desaturate by 10%, it is **32.1476, 26.1359, 42.3805**.

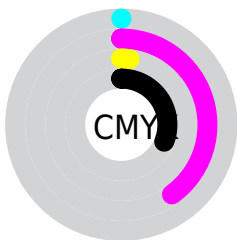
Distribution



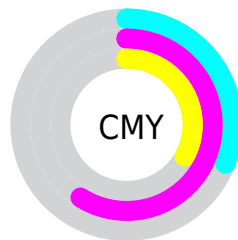
- Red (69%)
- Green (41%)
- Blue (67%)



- Red (69%)
- Yellow (41%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (2%)
- Black (31%)





- Cyan (31%)
- Magenta (59%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0815, 22.1574, 41.2194 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 30.0815, 22.1574, 41.2194 by changing the saturation by 10% instead.

 30.0815, 22.1574,
41.2194


 30.0815, 22.1574,
41.2194


294.1872,
263.3672, 366.9405

 20.0488, 13.9726,
28.1696


 59.1768, 47.0060,
78.2741

 12.5390, 8.1016,
18.2134


 78.9701, 64.4386,
103.1161

 7.1867, 4.1600,
10.9323


 102.7477, 85.7226,
132.7259

 3.6265, 1.7635,
5.9077

 130.8749,
111.2424, 167.5220

 1.4931, 0.4643,
2.7212

163.7171,
141.3823, 207.9229

 0.3211, 0.0000,
0.9541

201.6397,

 0.0000, 0.0000,

176.5268, 254.3473

0.0000

245.0079,
217.0603, 307.2137

■ 30.0815, 22.1574,
41.2194

■ 30.0815, 22.1574,
41.2194

■ 28.3844, 18.9147,
40.1853

■ 32.1476, 26.1359,
42.3805

■ 27.0313, 16.3595,
39.2692

■ 34.6011, 30.8887,
43.6741

■ 25.9980, 14.4425,
38.4632

■ 37.4621, 36.4552,
45.1071

■ 25.2556, 13.1064,
37.7577

■ 40.7484, 42.8711,
46.6855

■ 24.7707, 12.2840,
37.1416

■ 44.4768, 50.1701,
48.4148

■ 24.4710, 11.8308,
36.5908

■ 48.6633, 58.3841,
50.3004

■ 24.4709, 11.8307,
36.5906

■ 53.3230, 67.5434,
52.3474

■ 58.4704, 77.6768,
54.5605

■ 61.6780, 83.9295,
56.1307

Harmonies

Analogous

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



25.8134, 22.1574, 56.3798



30.0815, 22.1574, 41.2194



31.8947, 22.1574, 24.9707

Triad

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



30.0815, 22.1574, 41.2194



21.3530, 22.1574, 6.0050



13.8292, 22.1574, 39.1859

Complementary

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



30.0815, 22.1574, 41.2194



23.9170, 34.7682, 19.9197

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.



13.0073, 22.1574, 23.2999



30.0815, 22.1574, 41.2194



16.9291, 22.1574, 7.3529

Square

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



30.0815, 22.1574, 41.2194



26.3963, 22.1574, 7.7378



14.0507, 22.1574, 12.5631



16.4961, 22.1574, 54.9215

Rectangle

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



30.0815, 22.1574, 41.2194



31.2846, 22.1574, 16.6645



14.0507, 22.1574, 12.5631



13.3479, 22.1574, 33.5357

Sweetspot

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



30.0822, 22.1584, 41.2199



65.8957, 62.9576, 80.1948



19.0358, 16.4190, 42.7240



14.4971, 13.7031, 17.7503



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.



30.0822, 22.1584, 41.2199



51.1572, 34.4887, 72.1745



27.2112, 21.0100, 26.1015



8.3170, 8.1401, 9.9802



17.5320, 8.4753, 26.2444



0.4936, 0.2381, 0.7608

Inverse Universe

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



30.0822, 22.1584, 41.2199



51.1572, 34.4887, 72.1745



26.1525, 35.6624, 31.6918



8.3170, 8.1401, 9.9802



17.5320, 8.4753, 26.2444



0.4936, 0.2381, 0.7608

Previews

White Background



This preview shows how the XYZ color 30.0815, 22.1574, 41.2194 looks on a white background.

Color Contrast Check

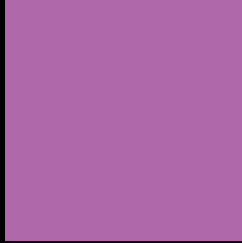
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0815, 22.1574, 41.2194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

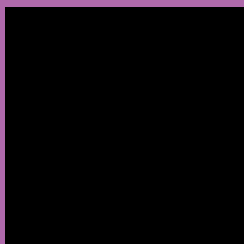
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.0815, 22.1574, 41.2194

Background



This preview shows how black text looks on a background with the XYZ color 30.0815, 22.1574, 41.2194.



This preview shows how white text looks on a background with the XYZ color 30.0815, 22.1574,

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

30.0815, 22.1574, 41.2194

Protanopia

23.3349, 22.4275, 51.2432

Deuteranopia

22.8626, 22.4393, 39.6854



Tritanopia

26.1310, 22.1517, 21.9672

Trichromacy



Original Color

30.0815, 22.1574, 41.2194

Protanomaly

24.9915, 21.8787, 47.1618

Deuteranomaly

24.9397, 22.0109, 39.9798

Tritanomaly

27.2867, 21.9499, 27.9979

Monochromacy



Original Color

30.0815, 22.1574, 41.2194

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.5622, 22.5684, 30.6653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0815, 22.1574, 41.2194 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(175, 105, 171)` looks like.

```
.text, #text, p{  
    color:rgb(175, 105, 171)  
}
```

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(175, 105, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 105, 171) }
```

Border

The CSS property to change the border of an element to XYZ 30.0815, 22.1574, 41.2194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

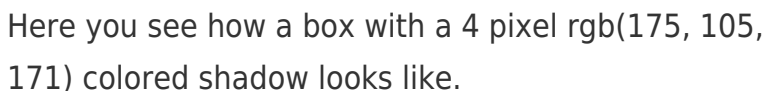
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 105, 171) }
```


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

```
.border{ border-color:rgb(175, 105, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 105, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 105, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 105, 171);  
box-shadow:4px 4px 4px 4px rgb(175, 105,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0815, 22.1574, 41.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 105, 171) }
```

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

```
.background{ background-color: rgb(175,  
105, 171) }
```

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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