

Converting Colors

XYZ(41.0585, 35.8861, 78.0194)

Have a look what the booklet for
XYZ(41.0585, 35.8861, 78.0194)
contains.

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Color

**XYZ(41.2186, 36.0595,
78.1865)**

Conversions

Conversions Part 1

Format	Color
Hex	A897E4
RGB	168, 151, 228
RGB Percent	66%, 59%, 89%
CMY	0.3412, 0.4078, 0.1059
CMYK	0.26, 0.34, 0.00, 0.11
HSL	253°, 59%, 74%
HSV	253°, 34%, 89%
XYZ	41.2186, 36.0595, 78.1865
YIQ	164.8610, -14.5850, 27.5510

Conversions

Conversions Part 2

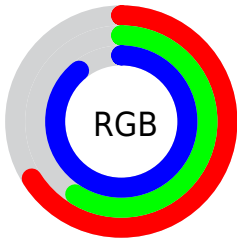
Format	Color
RYB	168, 151, 228
Decimal	11048932
CIELab	66.57, 22.58, -36.74
CIELCh	67, 43.124, 301.568
Yxy	36.0595, 0.2651, 0.2319
Android (android.graphics.Color)	4289239012 (0xFFA897E4)
YUV	164.8610, 31.1275, 2.7529
Hunter-Lab	60.0496, 17.4374, -35.1628

Details

The XYZ color **41.2186, 36.0595, 78.1865** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **60.1943, 71.5709, 39.9216**, and the grayscale version is **35.5593, 37.4111, 40.7407**.

A 20% lighter version of the original color is **70.6218, 66.7299, 103.7657**, and **18.9430, 15.6703, 41.0560** is the 20% darker color. If you saturate the color by 10%, you get **34.3706, 27.5994, 76.9151**, and if you desaturate by 10%, it is **49.2954, 46.2079, 79.7203**.

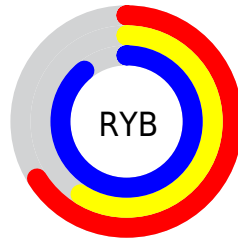
Distribution



Red (66%)

Green (59%)

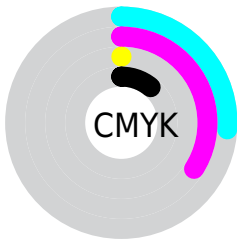
Blue (89%)



Red (66%)

Yellow (59%)

Blue (89%)

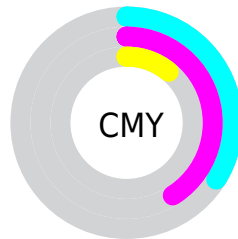


Cyan (26%)

Magenta (34%)

Yellow (0%)

Black (11%)



Cyan (34%)

Magenta (41%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2186, 36.0595, 78.1865 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 41.2186, 36.0595, 78.1865 by changing the saturation by 10% instead.

41.2186, 36.0595,
78.1865

41.2186, 36.0595,
78.1865

342.2804,
329.2205, 508.3447

28.6784, 24.4802,
57.7098

76.2882, 69.1239,
132.6013

18.9807, 15.6902,
41.1623

99.5483, 91.3777,
167.3764

11.7603, 9.3052,
28.1252

127.1125,
117.9585, 207.7549

6.6517, 4.9408,
18.1802

159.3459,
149.2506, 254.1551

3.2896, 2.2126,
10.9087

196.6141,
185.6385, 306.9956

1.3087, 0.7268,
5.8921

239.2823,

0.1897, 0.0000,

227.5065, 366.6950

2.7118

287.7160,
275.2391, 433.6719

■ 0.0000, 0.0000,
0.9494

■ 0.0000, 0.0000,
0.0000

■ 41.2186, 36.0595,
78.1865

■ 41.2186, 36.0595,
78.1865

■ 34.3706, 27.5994,
76.9151

■ 49.2954, 46.2079,
79.7203

■ 28.6858, 20.7305,
75.8889

■ 58.6547, 58.1260,
81.5274

■ 24.0980, 15.3522,
75.0926

■ 69.3514, 71.8950,
83.6213

■ 20.5323, 11.3505,
74.5081

■ 81.4361, 87.5897,
86.0138

■ 17.9040, 8.5944,
74.1146

■ 91.0037, 98.3815,
87.5925

■ 16.1129, 6.9260,
73.8870

■ 15.3358, 6.2882,
73.8049

Harmonies

Analogous

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



34.6156, 36.0595, 86.8232



41.2186, 36.0595, 78.1865



46.4389, 36.0595, 58.8194

Triad

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



41.2186, 36.0595, 78.1865



40.5542, 36.0595, 15.5011



23.2666, 36.0595, 40.2474

Complementary

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



41.2186, 36.0595, 78.1865



60.1943, 71.5709, 39.9216

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.



24.4431, 36.0595, 24.6065



41.2186, 36.0595, 78.1865



33.9336, 36.0595, 13.3048

Square

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



41.2186, 36.0595, 78.1865



46.0226, 36.0595, 23.3883



28.1559, 36.0595, 16.0326



24.7163, 36.0595, 61.0621

Rectangle

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



41.2186, 36.0595, 78.1865



48.1343, 36.0595, 44.7305



28.1559, 36.0595, 16.0326



23.3672, 36.0595, 34.2596

Sweetspot

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



41.2199, 36.0609, 78.1873



80.5117, 81.2200, 106.0413



50.1402, 58.9279, 82.1309



16.8262, 16.8620, 22.6178



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.2199, 36.0609, 78.1873



46.3798, 38.1216, 99.5215



50.5758, 40.8841, 78.6252



13.8789, 14.0398, 18.1228



8.9384, 3.6738, 42.6212



0.7390, 0.3119, 3.1532

Inverse Universe

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



54.8204, 43.3317, 67.1037



66.7721, 49.0381, 82.2289



50.5235, 66.5854, 39.4690



14.8518, 14.5579, 17.4197



23.1420, 11.3910, 25.4402



1.7438, 0.8552, 2.0576

Previews

White Background



This preview shows how the XYZ color 41.2186, 36.0595, 78.1865 looks on a white background.

Color Contrast Check

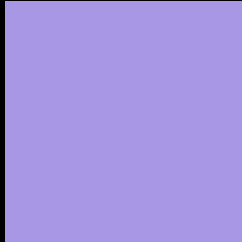
Large Text (above 18pt) WCAG AA × Fail

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 41.2186, 36.0595, 78.1865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

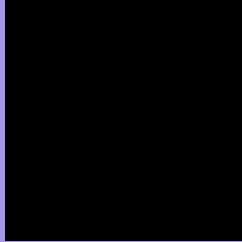
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2186, 36.0595, 78.1865

Background



This preview shows how black text looks on a background with the XYZ color 41.2186, 36.0595, 78.1865.



This preview shows how white text looks on a background with the XYZ color 41.2186, 36.0595,

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

41.2186, 36.0595, 78.1865

Protanopia

37.7101, 36.1128, 83.5802

Deuteranopia

37.1135, 36.2080, 76.9843



Tritanopia

34.7587, 36.2049, 45.7137

Trichromacy



Original Color

41.2186, 36.0595, 78.1865

Protanomaly

38.6667, 35.8990, 81.2352

Deuteranomaly

38.4998, 36.1440, 77.6204

Tritanomaly

36.8648, 36.0301, 56.0505

Monochromacy



Original Color

41.2186, 36.0595, 78.1865

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.3738, 36.8794, 52.7256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2186, 36.0595, 78.1865 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(168, 151, 228)` looks like.

```
.text, #text, p{  
    color:rgb(168, 151, 228)  
}
```

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(168, 151, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 151, 228) }
```

Border

The CSS property to change the border of an element to XYZ 41.2186, 36.0595, 78.1865 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(168, 151, 228) }
```


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

```
.border{ border-color:rgb(168, 151, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 151, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 151, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 151, 228);  
box-shadow:4px 4px 4px 4px rgb(168, 151,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2186, 36.0595, 78.1865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 151, 228) }
```

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

```
.background{ background-color: rgb(168,  
151, 228) }
```

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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