

Converting Colors

XYZ(41.7005, 39.0274, 80.1981)

Have a look what the booklet for
XYZ(41.7005, 39.0274, 80.1981)
contains.

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Color

**XYZ(41.7005, 39.0274,
80.1981)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A2E6
RGB	160, 162, 230
RGB Percent	63%, 64%, 90%
CMY	0.3725, 0.3647, 0.0980
CMYK	0.30, 0.30, 0.00, 0.10
HSL	238°, 58%, 76%
HSV	238°, 30%, 90%
XYZ	41.7005, 39.0274, 80.1981
YIQ	169.1540, -23.0200, 20.7240

Conversions

Conversions Part 2

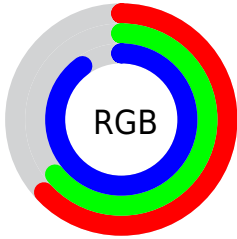
Format	Color
R _Y B	160, 162, 230
Decimal	10527462
CIE Lab	68.77, 14.54, -34.46
CIE LCh	69, 37.403, 292.872
Yxy	39.0274, 0.2591, 0.2425
Android (android.graphics.Color)	4288717542 (0xFFFA0A2E6)
YUV	169.1540, 29.9971, -8.0281
Hunter-Lab	62.4719, 9.8243, -32.3830

Details

The XYZ color **41.7005, 39.0274, 80.1981** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **66.7227, 74.8489, 44.1899**, and the grayscale version is **37.6537, 39.6147, 43.1404**.

A 20% lighter version of the original color is **71.1818, 71.4446, 104.6463**, and **19.2683, 17.4890, 42.4046** is the 20% darker color. If you saturate the color by 10%, you get **33.9286, 29.6888, 78.8059**, and if you desaturate by 10%, it is **51.0248, 50.2059, 81.8650**.

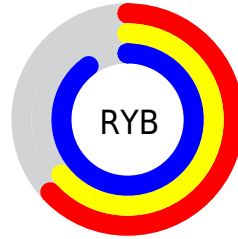
Distribution



Red (63%)

Green (64%)

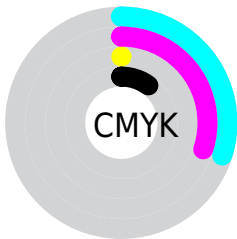
Blue (90%)



Red (63%)

Yellow (64%)

Blue (90%)

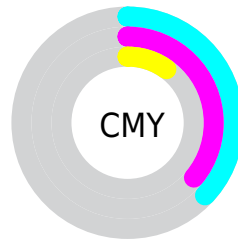


Cyan (30%)

Magenta (30%)

Yellow (0%)

Black (10%)



Cyan (37%)

Magenta (36%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7005, 39.0274, 80.1981 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 41.7005, 39.0274, 80.1981 by changing the saturation by 10% instead.

■ 41.7005, 39.0274,
80.1981

■ 41.7005, 39.0274,
80.1981

344.2527,
342.0070, 515.3246

■ 29.0569, 26.7810,
59.3543

■ 77.0142, 73.6802,
135.4581

■ 19.2684, 17.4088,
42.4765

■ 100.4150, 96.8554,
170.7114

■ 11.9695, 10.5264,
29.1462

128.1322,
124.4423, 211.6049

■ 6.7950, 5.7494,
18.9449

160.5313,
156.8254, 258.5571

■ 3.3794, 2.6933,
11.4541

197.9775,
194.3890, 311.9867

■ 1.3574, 0.9738,
6.2551

240.8362,

■ 0.2256, 0.0000,

237.5176, 372.3121

2.9295

289.4728,
286.5954, 439.9519

■ 0.0000, 0.0000,
1.0588

■ 0.0000, 0.0000,
0.0000

■ 41.7005, 39.0274,
80.1981

■ 41.7005, 39.0274,
80.1981

■ 33.9286, 29.6888,
78.8059

■ 51.0248, 50.2059,
81.8650

■ 27.6212, 22.0874,
77.6711

■ 61.9753, 63.3108,
83.8173

■ 22.6876, 16.1173,
76.7788

■ 74.6256, 78.4283,
86.0686

■ 19.0255, 11.6590,
76.1113

■ 89.0439, 95.6385,
88.6306

■ 16.5183, 8.5771,
75.6485

■ 91.2831, 98.4932,
89.0636

■ 15.0279, 6.7117,
75.3670

■ 14.3544, 5.8559,
75.2373

Harmonies

Analogous

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



35.6988, 39.0274, 83.7826



41.7005, 39.0274, 80.1981



46.9381, 39.0274, 65.3843

Triad

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



41.7005, 39.0274, 80.1981



44.4038, 39.0274, 21.4293



26.9002, 39.0274, 38.5733

Complementary

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



41.7005, 39.0274, 80.1981



66.7227, 74.8489, 44.1899

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.



28.7331, 39.0274, 25.6875



41.7005, 39.0274, 80.1981



38.5259, 39.0274, 17.6466

Square

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



41.7005, 39.0274, 80.1981



48.6112, 39.0274, 31.0333



32.8406, 39.0274, 18.9656



27.5574, 39.0274, 56.4777

Rectangle

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



41.7005, 39.0274, 80.1981



49.0803, 39.0274, 52.8444



32.8406, 39.0274, 18.9656



27.2383, 39.0274, 33.5922

Sweetspot

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



41.7018, 39.0289, 80.1990



80.4006, 82.4955, 106.2934



56.7525, 69.6511, 83.6100



16.7381, 17.0943, 22.6673



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.



41.7018, 39.0289, 80.1990



45.8361, 41.0779, 100.1208



48.7625, 42.1500, 80.4293



13.6157, 13.9528, 18.1199



8.1415, 3.3452, 42.5997



0.6134, 0.2706, 3.1519

Inverse Universe

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



51.7267, 44.5747, 40.0613



60.5656, 49.2843, 41.1334



57.7564, 71.0480, 43.9288



14.3936, 14.3746, 15.0071



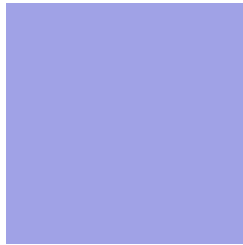
18.5030, 9.5354, 1.0117



1.3732, 0.7070, 0.1059

Previews

White Background



This preview shows how the XYZ color 41.7005, 39.0274, 80.1981 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 41.7005, 39.0274, 80.1981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

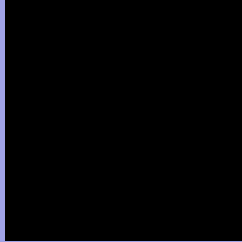
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7005, 39.0274, 80.1981

Background



This preview shows how black text looks on a background with the XYZ color 41.7005, 39.0274, 80.1981.



This preview shows how white text looks on a background with the XYZ color 41.7005, 39.0274,

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

41.7005, 39.0274, 80.1981

Protanopia

40.1957, 38.9965, 82.4993

Deuteranopia

39.9924, 38.9570, 79.5404



Tritanopia

35.7923, 39.0705, 51.0023

Trichromacy



Original Color

41.7005, 39.0274, 80.1981

Protanomaly

40.7898, 39.0525, 81.7320

Deuteranomaly

40.5552, 38.9804, 79.5152

Tritanomaly

37.8717, 39.0923, 60.8079

Monochromacy



Original Color

41.7005, 39.0274, 80.1981

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.7661, 39.1410, 54.8020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7005, 39.0274, 80.1981 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(160, 162, 230)` looks like.

```
.text, #text, p{  
    color:rgb(160, 162, 230)  
}
```

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(160, 162, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 162, 230) }
```

Border

The CSS property to change the border of an element to XYZ 41.7005, 39.0274, 80.1981 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(160, 162, 230) }
```


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

```
.border{ border-color:rgb(160, 162, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 162, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 162, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 162, 230);  
box-shadow:4px 4px 4px 4px rgb(160, 162,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7005, 39.0274, 80.1981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 162, 230) }
```

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

```
.background{ background-color: rgb(160,  
162, 230) }
```

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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