

Converting Colors

XYZ(41.1384, 40.7346, 63.5637)

Have a look what the booklet for
XYZ(41.1384, 40.7346, 63.5637)
contains.

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Color

**XYZ(41.1705, 40.7379,
63.4509)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A8CD
RGB	168, 168, 205
RGB Percent	66%, 66%, 80%
CMY	0.3412, 0.3412, 0.1961
CMYK	0.18, 0.18, 0.00, 0.20
HSL	240°, 27%, 73%
HSV	240°, 18%, 80%
XYZ	41.1705, 40.7379, 63.4509
YIQ	172.2180, -11.8770, 11.5070

Conversions

Conversions Part 2

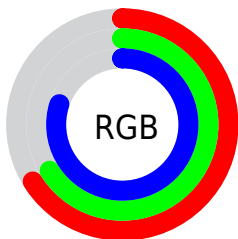
Format	Color
RYB	168, 168, 205
Decimal	11053261
CIELab	69.99, 7.66, -18.79
CIELCh	70, 20.293, 292.176
Yxy	40.7379, 0.2832, 0.2803
Android (android.graphics.Color)	4289243341 (0xFFA8A8CD)
YUV	172.2180, 16.1615, -3.6992
Hunter-Lab	63.8262, 3.4438, -14.2630

Details

The XYZ color **41.1705, 40.7379, 63.4509** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.0763, 59.4687, 45.6752**, and the grayscale version is **39.2491, 41.2931, 44.9682**.

A 20% lighter version of the original color is **75.1781, 75.8426, 105.2845**, and **18.9015, 18.3700, 31.8277** is the 20% darker color. If you saturate the color by 10%, you get **33.6548, 31.6822, 62.0998**, and if you desaturate by 10%, it is **49.9733, 51.3447, 65.0349**.

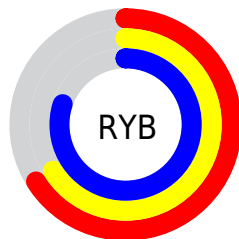
Distribution



Red (66%)

Green (66%)

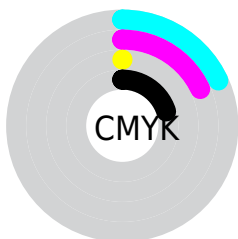
Blue (80%)



Red (66%)

Yellow (66%)

Blue (80%)

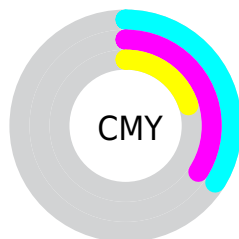


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (34%)

Magenta (34%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1705, 40.7379, 63.4509 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 41.1705, 40.7379, 63.4509 by changing the saturation by 10% instead.

■ 41.1705, 40.7379,
63.4509

■ 41.1705, 40.7379,
63.4509

342.0831,
349.2240, 455.3570

■ 28.6406, 28.1143,
45.7627

■ 76.2157, 76.2859,
111.4116

■ 18.9520, 18.4119,
31.7113

■ 99.4618, 99.9790,
142.5212

■ 11.7394, 11.2461,
20.8781

127.0105,
128.1309, 178.9418

■ 6.6374, 6.2326,
12.8446

159.2274,
161.1258, 221.0918

■ 3.2807, 2.9870,
7.1921

196.4778,
199.3482, 269.3897

■ 1.3039, 1.1250,
3.5023

239.1269,

■ 0.1861, 0.0000,

243.1824, 324.2542

1.3565

287.5403,
293.0129, 386.1038

■ 0.0000, 0.0000,
0.1074

■ 0.0000, 0.0000,
0.0000

■ 41.1705, 40.7379,
63.4509

■ 41.1705, 40.7379,
63.4509

■ 33.6548, 31.6822,
62.0998

■ 49.9733, 51.3447,
65.0349

■ 27.3624, 24.1003,
60.9679

■ 60.1156, 63.5653,
66.8592

■ 22.2297, 17.9157,
60.0447

■ 71.6512, 77.4647,
68.9340

■ 18.1859, 13.0432,
59.3174

■ 84.6303, 93.1033,
71.2685

■ 15.1525, 9.3881,
58.7717

■ 88.0196, 97.1878,
71.8783

■ 13.0406, 6.8433,
58.3919

■ 11.7456, 5.2828,
58.1589

■ 11.1132, 4.5207,
58.0451

■ 11.0197, 4.4081,
58.0283

Harmonies

Analogous

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



37.8608, 40.7379, 64.9578



41.1705, 40.7379, 63.4509



43.9639, 40.7379, 56.4896

Triad

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



41.1705, 40.7379, 63.4509



42.7525, 40.7379, 31.4693



32.7553, 40.7379, 41.9230

Complementary

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



41.1705, 40.7379, 63.4509



54.0763, 59.4687, 45.6752

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.



33.9109, 40.7379, 34.0986



41.1705, 40.7379, 63.4509



39.5924, 40.7379, 28.6489

Square

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



41.1705, 40.7379, 63.4509



44.9130, 40.7379, 37.8311



36.3690, 40.7379, 29.5379



33.1245, 40.7379, 51.5925

Rectangle

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



41.1705, 40.7379, 63.4509



45.0955, 40.7379, 50.1686



36.3690, 40.7379, 29.5379



32.9759, 40.7379, 39.0118

Sweetspot

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



41.1718, 40.7396, 63.4518



86.5806, 89.7951, 107.3766



48.9257, 56.3663, 65.6699



18.2869, 18.9247, 22.9390



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.



41.1718, 40.7396, 63.4518



61.9778, 60.1507, 102.9514



45.2443, 42.8385, 63.6423



10.6018, 10.8441, 14.1047



6.8601, 2.7442, 36.1244



0.3539, 0.1416, 1.8636

Inverse Universe

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



46.2484, 43.8125, 43.0668



71.9380, 66.1799, 62.9563



49.4221, 57.0701, 45.4575



11.2124, 11.2137, 11.6531



15.6736, 8.0800, 0.7338



0.8086, 0.4168, 0.0379

Previews

White Background



This preview shows how the XYZ color 41.1705, 40.7379, 63.4509 looks on a white background.

Color Contrast Check

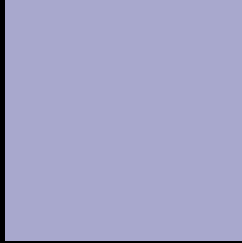
Large Text (above 18pt) WCAG AA × Fail

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 41.1705, 40.7379, 63.4509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

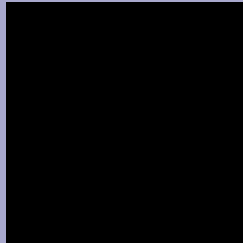
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1705, 40.7379, 63.4509

Background



This preview shows how black text looks on a background with the XYZ color 41.1705, 40.7379, 63.4509.



This preview shows how white text looks on a background with the XYZ color 41.1705, 40.7379,

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

41.1705, 40.7379, 63.4509

Protanopia

40.4328, 40.6187, 64.1017

Deuteranopia

41.6327, 40.7031, 63.4198



Tritanopia

38.6297, 40.5211, 51.6843

Trichromacy



Original Color

41.1705, 40.7379, 63.4509

Protanomaly

40.8456, 40.8315, 64.1210

Deuteranomaly

41.4157, 40.5913, 63.4097

Tritanomaly

39.4062, 40.5546, 55.6201

Monochromacy



Original Color

41.1705, 40.7379, 63.4509

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.0092, 41.2444, 51.1997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1705, 40.7379, 63.4509 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, 168, 205)` looks like.

```
.text, #text, p{  
    color:rgb(168, 168, 205)  
}
```

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, 168, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 168, 205) }
```

Border

The CSS property to change the border of an element to XYZ 41.1705, 40.7379, 63.4509 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, 168, 205) }
```


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

```
.border{ border-color:rgb(168, 168, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 168, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 168, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 168, 205);  
box-shadow:4px 4px 4px 4px rgb(168, 168,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1705, 40.7379, 63.4509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 168, 205) }
```

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

```
.background{ background-color: rgb(168,  
168, 205) }
```

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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