

Converting Colors

XYZ(33.2647, 41.6931, 6.2943)

Have a look what the booklet for
XYZ(33.2647, 41.6931, 6.2943)
contains.

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Color

**XYZ(33.3185, 41.7057,
6.2939)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB500
RGB	171, 181, 0
RGB Percent	67%, 71%, 0%
CMY	0.3294, 0.2902, 0.9999
CMYK	0.06, 0.00, 1.00, 0.29
HSL	63°, 100%, 35%
HSV	63°, 100%, 71%
XYZ	33.3185, 41.7057, 6.2939
YIQ	157.3760, 52.1410, -58.4110

Conversions

Conversions Part 2

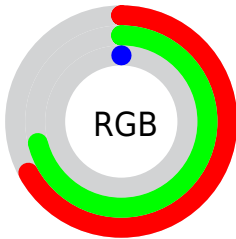
Format	Color
RYB	0, 181, 10
Decimal	11252992
CIELab	70.67, -21.02, 72.10
CIELCh	71, 75.098, 106.253
Yxy	41.7057, 0.4097, 0.5129
Android (android.graphics.Color)	4289443072 (0xFFABB500)
YUV	157.3760, -77.5864, 11.9482
Hunter-Lab	64.5800, -20.9221, 39.4276

Details

The XYZ color **33.3185, 41.7057, 6.2939** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **8.4666, 3.4015, 43.9290**, and the grayscale version is **32.5419, 34.2366, 37.2837**.

A 20% lighter version of the original color is **64.3286, 77.9559, 19.0536**, and **14.6586, 19.0158, 2.8978** is the 20% darker color. If you saturate the color by 10%, you get **33.3191, 41.7075, 6.2942**, and if you desaturate by 10%, it is **33.6483, 41.8645, 6.8845**.

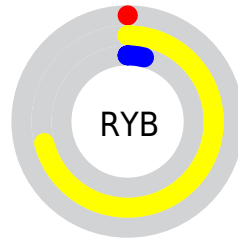
Distribution



Red (67%)

Green (71%)

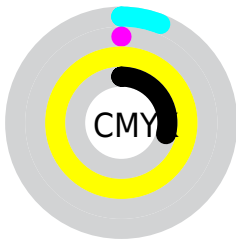
Blue (0%)



Red (0%)

Yellow (71%)

Blue (4%)

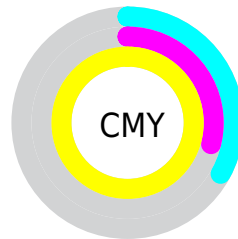


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (33%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3185, 41.7057, 6.2939 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 33.3185, 41.7057, 6.2939 by changing the saturation by 10% instead.

■ 33.3185, 41.7057,
6.2939

■ 33.3185, 41.7057,
6.2939

308.7221,
353.2615, 171.0623

■ 22.5310, 28.8709,
2.9529

■ 64.2238, 77.7540,
19.0260

■ 14.3663, 18.9832,
1.0707

■ 85.0723, 101.7363,
29.2543

■ 8.4593, 11.6581,
0.0000

■ 110.0052,
130.2033, 42.6154

■ 4.4445, 6.5113,
0.0000

■ 139.3877,
163.5393, 59.5278

■ 1.9565, 3.1584,
0.0000

■ 173.5853,
202.1287, 80.4102

■ 0.6094, 1.2150,
0.0000

■ 212.9634,

■ 0.0000, 0.0739,

246.3560, 105.6811

0.0000

257.8872,
296.6054, 135.7589

■ 0.0000, 0.0000,
0.0000

■ 33.3185, 41.7057,
6.2939

■ 33.3185, 41.7057,
6.2939

■ 33.3191, 41.7075,
6.2942

■ 33.6483, 41.8645,
6.8845

■ 34.0804, 42.0628,
8.0093

■ 34.6541, 42.3179,
9.8711

■ 35.3879, 42.6373,
12.5675

■ 36.2976, 43.0272,
16.1813

■ 37.3970, 43.4932,
20.7851

■ 38.6985, 44.0402,
26.4444

■ 40.2134, 44.6728,
33.2191

■ 41.9523, 45.3952,
41.1646

Harmonies

Analogous

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



45.5967, 41.7057, 6.0886



33.3185, 41.7057, 6.2939



24.7566, 41.7057, 12.6144

Triad

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



33.3185, 41.7057, 6.2939



25.3008, 41.7057, 115.0003



67.6912, 41.7057, 63.7007

Complementary

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



33.3185, 41.7057, 6.2939



8.4666, 3.4015, 43.9290

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.



59.5394, 41.7057, 111.1110



33.3185, 41.7057, 6.2939



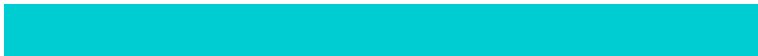
34.2261, 41.7057, 149.6643

Square

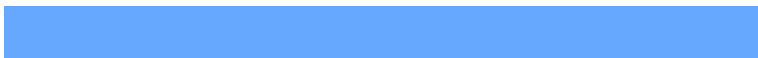
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.3185, 41.7057, 6.2939



20.8335, 41.7057, 67.3944



46.7144, 41.7057, 147.9544



67.3053, 41.7057, 28.8171

Rectangle

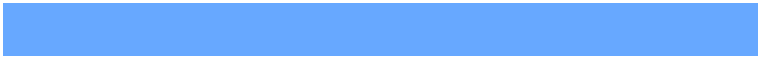
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.3185, 41.7057, 6.2939



21.5373, 41.7057, 23.0428



46.7144, 41.7057, 147.9544



65.7958, 41.7057, 78.9380

Sweetspot

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



33.3194, 41.7076, 6.2948



69.1759, 78.8167, 46.7934



19.1557, 10.0212, 0.9252



14.7345, 16.9441, 9.1635



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.3194, 41.7076, 6.2948



59.6052, 74.6592, 11.2691



19.9580, 34.8196, 5.6695



9.1497, 9.8823, 9.0778



22.9877, 28.7607, 4.3398



0.7373, 0.9121, 0.1372

Inverse Universe

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



8.4666, 3.4015, 43.9290



15.1032, 6.0604, 78.6684



13.5482, 6.0211, 44.1668



8.0840, 8.2518, 10.6730



5.8556, 2.3545, 30.2828



0.1986, 0.0815, 0.9535

Previews

White Background



This preview shows how the XYZ color 33.3185, 41.7057, 6.2939 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 33.3185, 41.7057, 6.2939 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 33.3185, 41.7057, 6.2939

Background



This preview shows how black text looks on a background with the XYZ color 33.3185, 41.7057, 6.2939.



This preview shows how white text looks on a background with the XYZ color 33.3185, 41.7057,

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

33.3185, 41.7057, 6.2939

Protanopia

37.4492, 41.4892, 6.0344

Deuteranopia

42.4107, 41.5451, 6.9461



Tritanopia

42.1103, 41.5318, 49.5131

Trichromacy



Original Color

33.3185, 41.7057, 6.2939

Protanomaly

35.7750, 41.4898, 6.1228

Deuteranomaly

38.5713, 41.2106, 6.4938

Tritanomaly

36.6285, 40.7087, 22.1467

Monochromacy



Original Color

33.3185, 41.7057, 6.2939

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.8368, 35.8739, 17.3557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3185, 41.7057, 6.2939 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(171, 181, 0)` looks like.

```
.text, #text, p{  
    color:rgb(171, 181, 0)  
}
```

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(171, 181, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 181, 0) }
```

Border

The CSS property to change the border of an element to XYZ 33.3185, 41.7057, 6.2939 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(171, 181, 0) }
```


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

```
.border{ border-color:rgb(171, 181, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 181, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 181, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 181, 0);  
box-shadow:4px 4px 4px 4px rgb(171, 181,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3185, 41.7057, 6.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 181, 0) }
```

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

```
.background{ background-color: rgb(171,  
181, 0) }
```

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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