

Converting Colors

XYZ(36.9311, 36.7131, 60.8516)

Have a look what the booklet for
XYZ(36.9311, 36.7131, 60.8516)
contains.

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Color

**XYZ(36.9231, 36.7226,
61.0192)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA1CA
RGB	155, 161, 202
RGB Percent	61%, 63%, 79%
CMY	0.3921, 0.3686, 0.2078
CMYK	0.23, 0.20, 0.00, 0.21
HSL	232°, 31%, 70%
HSV	232°, 23%, 79%
XYZ	36.9231, 36.7226, 61.0192
YIQ	163.8800, -16.7370, 11.4790

Conversions

Conversions Part 2

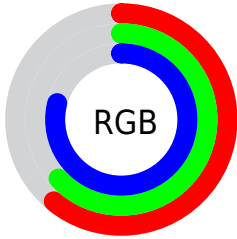
Format	Color
RYB	155, 160, 202
Decimal	10199498
CIELab	67.07, 6.78, -21.67
CIELCh	67, 22.705, 287.364
Yxy	36.7226, 0.2742, 0.2727
Android (android.graphics.Color)	4288389578 (0xFF9BA1CA)
YUV	163.8800, 18.7932, -7.7878
Hunter-Lab	60.5992, 2.7116, -17.2815

Details

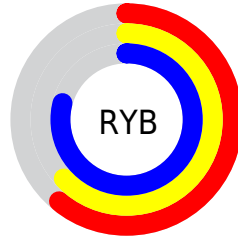
The XYZ color **36.9231, 36.7226, 61.0192** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.0138, 54.4030, 38.8761**, and the grayscale version is **35.1497, 36.9802, 40.2715**.

A 20% lighter version of the original color is **69.1842, 70.0334, 104.4791**, and **16.5147, 16.1735, 30.2684** is the 20% darker color. If you saturate the color by 10%, you get **30.5007, 29.1589, 59.8984**, and if you desaturate by 10%, it is **44.4303, 45.4915, 62.3167**.

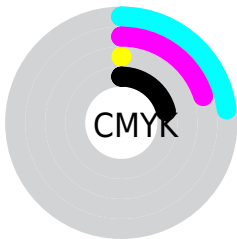
Distribution



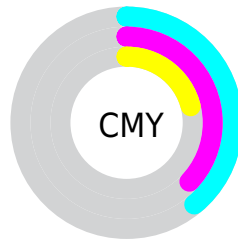
- Red (61%)
- Green (63%)
- Blue (79%)



- Red (61%)
- Yellow (63%)
- Blue (79%)



- Cyan (23%)
- Magenta (20%)
- Yellow (0%)
- Black (21%)



- Cyan (39%)
- Magenta (37%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9231, 36.7226, 61.0192 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 36.9231, 36.7226, 61.0192 by changing the saturation by 10% instead.

■ 36.9231, 36.7226,
61.0192

■ 36.9231, 36.7226,
61.0192

324.3388,
332.1080, 446.2529

■ 25.3214, 24.9928,
43.8100

■ 69.7691, 70.1459,
107.8645

■ 16.4466, 16.0717,
30.1851

■ 91.7441, 92.6082,
138.3378

■ 9.9336, 9.5749,
19.7259

117.9075,
119.4168, 174.0694

■ 5.4169, 5.1180,
12.0138

148.6247,
150.9561, 215.4780

■ 2.5311, 2.3167,
6.6304

184.2611,
187.6105, 262.9821

■ 0.9110, 0.7825,
3.1572

225.1820,

■ 0.0000, 0.0000,

229.7643, 317.0003

1.1754

271.7528,
277.8020, 377.9510

■ 0.0000, 0.0000,
0.0000

■ 36.9231, 36.7226,
61.0192

■ 36.9231, 36.7226,
61.0192

■ 30.5007, 29.1589,
59.8984

■ 44.4303, 45.4915,
62.3167

■ 25.1093, 22.7432,
58.9442

■ 53.0658, 55.5106,
63.7954

■ 20.6957, 17.4203,
58.1494

■ 62.8750, 66.8279,
65.4629

■ 17.2006, 13.1287,
57.5052

■ 73.8996, 79.4879,
67.3255

■ 14.5582, 9.8006,
57.0021

■ 85.8096, 93.3419,
69.3718

■ 12.6934, 7.3600,
56.6293

■ 87.6608, 97.0443,
69.9889

■ 11.5180, 5.7190,
56.3745

■ 11.0256, 4.9940,
56.2605

Harmonies

Analogous

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



33.4712, 36.7226, 61.5589



36.9231, 36.7226, 61.0192



40.0200, 36.7226, 54.2979

Triad

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



36.9231, 36.7226, 61.0192



39.5972, 36.7226, 27.5630



28.8172, 36.7226, 35.9673

Complementary

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



36.9231, 36.7226, 61.0192



50.0138, 54.4030, 38.8761

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.



30.2432, 36.7226, 28.4377



36.9231, 36.7226, 61.0192



36.3765, 36.7226, 24.1512

Square

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



36.9231, 36.7226, 61.0192



41.6324, 36.7226, 34.5737



32.9594, 36.7226, 24.4425



28.9421, 36.7226, 45.9327

Rectangle

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



36.9231, 36.7226, 61.0192



41.3979, 36.7226, 47.7593



32.9594, 36.7226, 24.4425



29.1269, 36.7226, 33.1032

Sweetspot

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



36.9243, 36.7241, 61.0200



84.0175, 87.2350, 107.0176



44.5723, 53.1837, 59.9825



17.7895, 18.4473, 22.8730



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.



36.9243, 36.7241, 61.0200



56.7290, 55.3760, 102.3064



39.4474, 36.5050, 60.8448



10.7153, 11.0710, 14.1425



7.1312, 3.2864, 36.2148



0.4069, 0.2476, 1.8813

Inverse Universe

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



42.5124, 38.5735, 38.9246



67.8916, 59.2127, 58.1377



46.9890, 54.8936, 39.1303



11.2697, 11.2366, 11.9546



15.8104, 8.1348, 1.4544



0.8353, 0.4275, 0.1788

Previews

White Background



This preview shows how the XYZ color 36.9231, 36.7226, 61.0192 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 36.9231, 36.7226, 61.0192 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 36.9231, 36.7226, 61.0192

Background



This preview shows how black text looks on a background with the XYZ color 36.9231, 36.7226, 61.0192.



This preview shows how white text looks on a background with the XYZ color 36.9231, 36.7226,

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

36.9231, 36.7226, 61.0192

Protanopia

36.5424, 36.5263, 61.0014

Deuteranopia

37.5296, 36.7768, 60.9977



Tritanopia

34.0687, 36.6086, 47.3900

Trichromacy



Original Color

36.9231, 36.7226, 61.0192

Protanomaly

36.7320, 36.6240, 61.0103

Deuteranomaly

37.3320, 36.6750, 60.9885

Tritanomaly

35.1940, 36.8142, 52.2646

Monochromacy



Original Color

36.9231, 36.7226, 61.0192

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8310, 36.9858, 47.3700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9231, 36.7226, 61.0192 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(155, 161, 202)` looks like.

```
.text, #text, p{  
    color:rgb(155, 161, 202)  
}
```

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(155, 161, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 161, 202) }
```

Border

The CSS property to change the border of an element to XYZ 36.9231, 36.7226, 61.0192 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(155, 161, 202) }
```


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

```
.border{ border-color:rgb(155, 161, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 161, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 161, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 161, 202); box-shadow:4px 4px 4px 4px rgb(155, 161, 202) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9231, 36.7226, 61.0192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 161, 202) }
```

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

```
.background{ background-color: rgb(155,  
161, 202) }
```

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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