

Converting Colors

XYZ(38.3030, 35.7732, 67.1735)

Have a look what the booklet for
XYZ(38.3030, 35.7732, 67.1735)
contains.

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Color

**XYZ(38.3030, 35.7732,
67.1735)**

Conversions

Conversions Part 1

Format	Color
Hex	A19BD4
RGB	161, 155, 212
RGB Percent	63%, 61%, 83%
CMY	0.3686, 0.3921, 0.1686
CMYK	0.24, 0.27, 0.00, 0.17
HSL	246°, 40%, 72%
HSV	246°, 27%, 83%
XYZ	38.3030, 35.7732, 67.1735
YIQ	163.2920, -14.7210, 18.9990

Conversions

Conversions Part 2

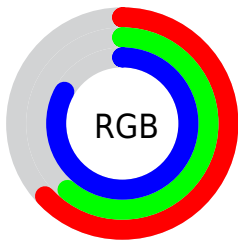
Format	Color
RYB	161, 155, 212
Decimal	10591188
CIELab	66.35, 14.38, -28.28
CIELCh	66, 31.727, 296.948
Yxy	35.7732, 0.2712, 0.2533
Android (android.graphics.Color)	4288781268 (0xFFA19BD4)
YUV	163.2920, 24.0130, -2.0101
Hunter-Lab	59.8107, 9.6433, -24.7212

Details

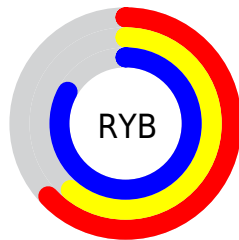
The XYZ color **38.3030, 35.7732, 67.1735** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.9143, 62.5761, 40.1958**, and the grayscale version is **34.8467, 36.6614, 39.9243**.

A 20% lighter version of the original color is **69.4657, 67.5726, 103.9893**, and **17.2205, 15.5231, 33.9869** is the 20% darker color. If you saturate the color by 10%, you get **31.5429, 27.5031, 65.9341**, and if you desaturate by 10%, it is **46.2647, 45.5838, 68.6481**.

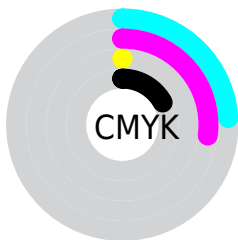
Distribution



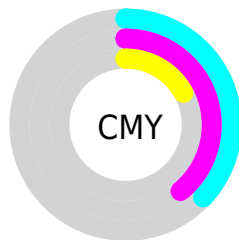
- Red (63%)
- Green (61%)
- Blue (83%)



- Red (63%)
- Yellow (61%)
- Blue (83%)



- Cyan (24%)
- Magenta (27%)
- Yellow (0%)
- Black (17%)



- Cyan (37%)
- Magenta (39%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3030, 35.7732, 67.1735 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 38.3030, 35.7732, 67.1735 by changing the saturation by 10% instead.

■ 38.3030, 35.7732,
67.1735

■ 38.3030, 35.7732,
67.1735

330.1764,
327.9682, 469.0804

■ 26.3962, 24.2591,
48.7632

■ 71.8732, 68.6819,
116.8120

■ 17.2545, 15.5259,
34.0674

■ 94.2674, 90.8452,
148.8772

■ 10.5126, 9.1893,
22.6676

120.8881,
117.3271, 186.3312

■ 5.8050, 4.8649,
14.1453

152.1006,
148.5119, 229.5923

■ 2.7664, 2.1682,
8.0819

188.2703,
184.7840, 279.0793

■ 1.0315, 0.7026,
4.0588

229.7626,

■ 0.0000, 0.0000,

226.5278, 335.2106

1.6577

276.9429,
274.1277, 398.4048

■ 0.0000, 0.0000,
0.3315

■ 0.0000, 0.0000,
0.0000

■ 38.3030, 35.7732,
67.1735

■ 38.3030, 35.7732,
67.1735

■ 31.5429, 27.5031,
65.9341

■ 46.2647, 45.5838,
68.6481

■ 25.9225, 20.6912,
64.9155

■ 55.4790, 57.0034,
70.3667

■ 21.3796, 15.2536,
64.1054

■ 65.9980, 70.1012,
72.3404

■ 17.8447, 11.0966,
63.4893

■ 77.8701, 84.9414,
74.5791

■ 15.2398, 8.1142,
63.0509

■ 88.8838, 97.5335,
76.4291

■ 13.4755, 6.1836,
62.7713

■ 12.4405, 5.1469,
62.6257

■ 12.2217, 4.9277,
62.5950

Harmonies

Analogous

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



33.5181, 35.7732, 71.2786



38.3030, 35.7732, 67.1735



42.2306, 35.7732, 54.9995

Triad

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



38.3030, 35.7732, 67.1735



39.2207, 35.7732, 20.9074



25.6849, 35.7732, 37.5769

Complementary

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



38.3030, 35.7732, 67.1735



54.9143, 62.5761, 40.1958

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.



26.9173, 35.7732, 26.3741



38.3030, 35.7732, 67.1735



34.4892, 35.7732, 18.2611

Square

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



38.3030, 35.7732, 67.1735



42.7941, 35.7732, 28.2751



30.0345, 35.7732, 20.0024



26.5039, 35.7732, 52.0236

Rectangle

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



38.3030, 35.7732, 67.1735



43.6796, 35.7732, 45.1510



30.0345, 35.7732, 20.0024



25.8700, 35.7732, 33.3462

Sweetspot

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



38.3042, 35.7746, 67.1743



82.4847, 84.3689, 106.5452



47.5458, 56.0102, 70.5931



17.1804, 17.4692, 22.7163



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.



38.3042, 35.7746, 67.1743



52.3593, 47.2046, 100.9595



44.6420, 39.0419, 67.4709



11.8627, 12.0706, 15.6421



7.5855, 3.0630, 38.6446



0.4996, 0.2064, 2.3328

Inverse Universe

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



50.0142, 41.8972, 63.8442



72.9581, 57.9798, 94.8655



47.7751, 58.8957, 39.8617



12.8941, 12.6091, 15.3824



22.5006, 10.9366, 31.0040



1.3737, 0.6663, 1.9572

Previews

White Background



This preview shows how the XYZ color 38.3030, 35.7732, 67.1735 looks on a white background.

Color Contrast Check

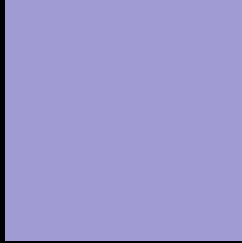
Large Text (above 18pt) WCAG AA × Fail

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 38.3030, 35.7732, 67.1735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

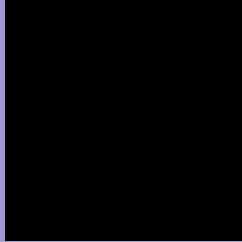
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3030, 35.7732, 67.1735

Background



This preview shows how black text looks on a background with the XYZ color 38.3030, 35.7732, 67.1735.



This preview shows how white text looks on a background with the XYZ color 38.3030, 35.7732,

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

38.3030, 35.7732, 67.1735

Protanopia

36.5179, 35.8136, 69.2780

Deuteranopia

36.7337, 35.9835, 66.6374



Tritanopia

33.9846, 35.8058, 45.6775

Trichromacy



Original Color

38.3030, 35.7732, 67.1735

Protanomaly

37.1270, 35.8881, 68.5886

Deuteranomaly

37.3112, 36.0269, 66.6154

Tritanomaly

35.3799, 35.5952, 52.5828

Monochromacy



Original Color

38.3030, 35.7732, 67.1735

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.8116, 36.1592, 48.8080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3030, 35.7732, 67.1735 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(161, 155, 212)` looks like.

```
.text, #text, p{  
    color:rgb(161, 155, 212)  
}
```

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(161, 155, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 155, 212) }
```

Border

The CSS property to change the border of an element to XYZ 38.3030, 35.7732, 67.1735 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(161, 155, 212) }
```


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

```
.border{ border-color:rgb(161, 155, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 155, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 155, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 155, 212);  
box-shadow:4px 4px 4px 4px rgb(161, 155,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3030, 35.7732, 67.1735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 155, 212) }
```

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

```
.background{ background-color: rgb(161,  
155, 212) }
```

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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