

Converting Colors

XYZ(36.1461, 30.8729, 73.8899)

Have a look what the booklet for
XYZ(36.1461, 30.8729, 73.8899)
contains.

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Color

**XYZ(36.0695, 30.7615,
73.8485)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8BDF
RGB	155, 139, 223
RGB Percent	61%, 55%, 87%
CMY	0.3921, 0.4549, 0.1255
CMYK	0.30, 0.38, 0.00, 0.13
HSL	251°, 57%, 71%
HSV	251°, 38%, 87%
XYZ	36.0695, 30.7615, 73.8485
YIQ	153.3600, -17.4280, 29.5160

Conversions

Conversions Part 2

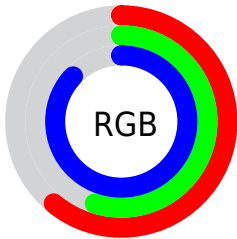
Format	Color
R _Y B	155, 139, 223
Decimal	10193887
CIE Lab	62.31, 24.47, -40.71
CIE LCh	62, 47.500, 301.010
Yxy	30.7615, 0.2564, 0.2187
Android (android.graphics.Color)	4288383967 (0xFF9B8BDF)
YUV	153.3600, 34.3325, 1.4383
Hunter-Lab	55.4631, 19.0243, -40.1199

Details

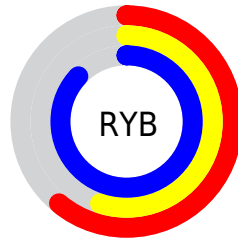
The XYZ color **36.0695, 30.7615, 73.8485** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **56.7804, 67.9053, 34.5415**, and the grayscale version is **30.2965, 31.8742, 34.7110**.

A 20% lighter version of the original color is **63.9839, 59.2088, 102.6639**, and **15.9143, 12.7015, 38.1721** is the 20% darker color. If you saturate the color by 10%, you get **29.9546, 23.2954, 72.7302**, and if you desaturate by 10%, it is **43.3631, 39.8140, 75.2120**.

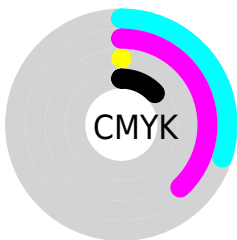
Distribution



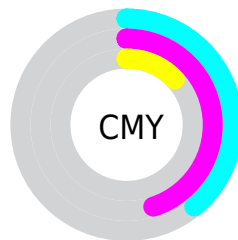
- Red (61%)
- Green (55%)
- Blue (87%)



- Red (61%)
- Yellow (55%)
- Blue (87%)



- Cyan (30%)
- Magenta (38%)
- Yellow (0%)
- Black (13%)



- Cyan (39%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0695, 30.7615, 73.8485 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 36.0695, 30.7615, 73.8485 by changing the saturation by 10% instead.

■ 36.0695, 30.7615,
73.8485

■ 36.0695, 30.7615,
73.8485

320.6902,
305.4380, 493.0997

■ 24.6582, 20.4173,
54.1740

■ 68.4625, 60.8644,
126.4131

■ 15.9500, 12.6987,
38.3467

■ 90.1749, 81.3919,
160.1403

■ 9.5794, 7.2214,
25.9479

■ 116.0518,
106.0825, 199.3887

■ 5.1811, 3.6010,
16.5593

146.4585,
135.3208, 244.5771

■ 2.3898, 1.4530,
9.7622

181.7603,
169.4912, 296.1238

■ 0.8400, 0.2553,
5.1380

222.3226,

■ 0.0000, 0.0000,

208.9779, 354.4475

2.2683

268.5108,
254.1654, 419.9666

■ 0.0000, 0.0000,
0.7134

■ 0.0000, 0.0000,
0.0000

■ 36.0695, 30.7615,
73.8485

■ 36.0695, 30.7615,
73.8485

■ 29.9546, 23.2954,
72.7302

■ 43.3631, 39.8140,
75.2120

■ 24.9519, 17.3197,
71.8405

■ 51.8905, 50.5343,
76.8317

■ 20.9931, 12.7336,
71.1639

■ 61.7071, 63.0023,
78.7209

■ 18.0007, 9.4218,
70.6824

■ 72.8642, 77.2917,
80.8910

■ 15.8859, 7.2499,
70.3746

■ 85.4100, 93.4721,
83.3529

■ 14.5339, 6.0377,
70.2119

■ 90.3194, 98.1078,
83.9889

■ 14.2939, 5.8302,
70.1845

Harmonies

Analogous

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



29.4560, 30.7615, 82.7325



36.0695, 30.7615, 73.8485



41.4188, 30.7615, 53.7154

Triad

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



36.0695, 30.7615, 73.8485



35.6378, 30.7615, 11.1115



18.5510, 30.7615, 34.1209

Complementary

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



36.0695, 30.7615, 73.8485



56.7804, 67.9053, 34.5415

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.



19.7152, 30.7615, 19.1158



36.0695, 30.7615, 73.8485



29.0209, 30.7615, 9.1234

Square

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



36.0695, 30.7615, 73.8485



41.1450, 30.7615, 18.3829



23.3284, 30.7615, 11.4127



19.8829, 30.7615, 55.2075

Rectangle

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



36.0695, 30.7615, 73.8485



43.2034, 30.7615, 39.3276



23.3284, 30.7615, 11.4127



18.6618, 30.7615, 28.2679

Sweetspot

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



36.0706, 30.7627, 73.8492



78.8794, 79.3357, 105.7637



46.4260, 55.7344, 78.1235



16.4898, 16.4808, 22.5620



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.



36.0706, 30.7627, 73.8492



42.3870, 33.7421, 98.8866



45.4219, 35.5834, 74.2869



13.1945, 13.3683, 17.2726



8.4754, 3.4645, 41.2704



0.6584, 0.2767, 2.8640

Inverse Universe

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



50.9272, 38.6591, 63.8093



65.3829, 45.9806, 82.6259



46.6909, 62.7040, 34.0694



14.1772, 13.8885, 16.7033



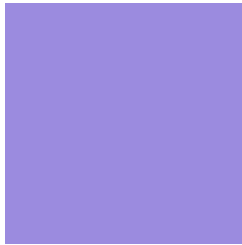
22.8083, 11.1903, 26.7200



1.6101, 0.7873, 2.0058

Previews

White Background



This preview shows how the XYZ color 36.0695, 30.7615, 73.8485 looks on a white background.

Color Contrast Check

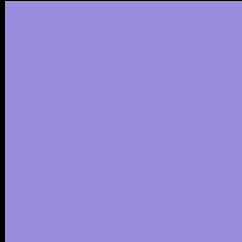
Large Text (above 18pt) WCAG AA × Fail

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 36.0695, 30.7615, 73.8485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

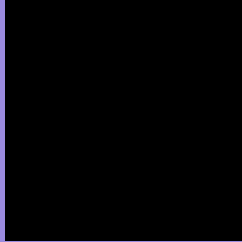
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0695, 30.7615, 73.8485

Background



This preview shows how black text looks on a background with the XYZ color 36.0695, 30.7615, 73.8485.



This preview shows how white text looks on a background with the XYZ color 36.0695, 30.7615,

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

36.0695, 30.7615, 73.8485

Protanopia

32.7580, 30.9579, 79.1119

Deuteranopia

31.8426, 31.0981, 72.7309



Tritanopia

29.0052, 30.6172, 39.0313

Trichromacy



Original Color

36.0695, 30.7615, 73.8485

Protanomaly

33.6634, 30.7834, 76.8406

Deuteranomaly

33.1366, 30.8182, 73.3093

Tritanomaly

31.2233, 30.5733, 50.1545

Monochromacy



Original Color

36.0695, 30.7615, 73.8485

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.9522, 31.2642, 46.4700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0695, 30.7615, 73.8485 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, 139, 223)` looks like.

```
.text, #text, p{  
    color:rgb(155, 139, 223)  
}
```

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, 139, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 139, 223) }
```

Border

The CSS property to change the border of an element to XYZ 36.0695, 30.7615, 73.8485 is called "border". The border property can be set on classes, ids or directly on the HTML element.

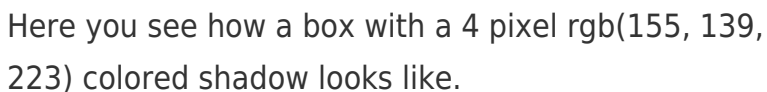
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 139, 223) }
```


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

```
.border{ border-color:rgb(155, 139, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 139, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 139, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 139, 223); box-shadow:4px 4px 4px 4px rgb(155, 139, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0695, 30.7615, 73.8485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 139, 223) }
```

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

```
.background{ background-color: rgb(155,  
139, 223) }
```

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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