

Converting Colors

XYZ(35.4105, 29.4679, 73.3258)

Have a look what the booklet for
XYZ(35.4105, 29.4679, 73.3258)
contains.

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Color

**XYZ(35.3619, 29.3465,
73.6127)**

Conversions

Conversions Part 1

Format	Color
Hex	9B86DF
RGB	155, 134, 223
RGB Percent	61%, 53%, 87%
CMY	0.3921, 0.4745, 0.1255
CMYK	0.30, 0.40, 0.00, 0.13
HSL	254°, 58%, 70%
HSV	254°, 40%, 87%
XYZ	35.3619, 29.3465, 73.6127
YIQ	150.4250, -16.0530, 32.1310

Conversions

Conversions Part 2

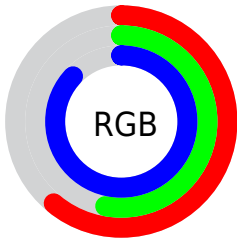
Format	Color
RYB	155, 134, 223
Decimal	10192607
CIELab	61.09, 27.35, -42.63
CIELCh	61, 50.644, 302.680
Yxy	29.3465, 0.2557, 0.2122
Android (android.graphics.Color)	4288382687 (0xFF9B86DF)
YUV	150.4250, 35.7795, 4.0123
Hunter-Lab	54.1724, 21.7170, -42.6461

Details

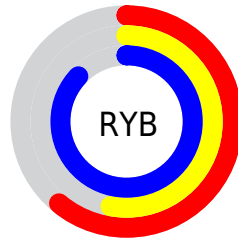
The XYZ color **35.3619, 29.3465, 73.6127** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **55.0486, 67.0538, 32.5967**, and the grayscale version is **29.0284, 30.5401, 33.2582**.

A 20% lighter version of the original color is **62.6843, 56.6095, 102.2307**, and **15.5122, 11.8974, 38.0381** is the 20% darker color. If you saturate the color by 10%, you get **29.5562, 22.2509, 72.5496**, and if you desaturate by 10%, it is **42.2810, 37.9818, 74.9153**.

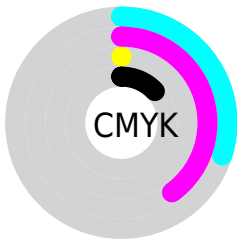
Distribution



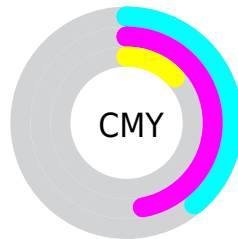
- Red (61%)
- Green (53%)
- Blue (87%)



- Red (61%)
- Yellow (53%)
- Blue (87%)



- Cyan (30%)
- Magenta (40%)
- Yellow (0%)
- Black (13%)



- Cyan (39%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3619, 29.3465, 73.6127 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 35.3619, 29.3465, 73.6127 by changing the saturation by 10% instead.

■ 35.3619, 29.3465,
73.6127

■ 35.3619, 29.3465,
73.6127

317.6430,
298.8463, 492.2632

■ 24.1096, 19.3431,
53.9822

■ 67.3764, 58.6272,
126.0756

■ 15.5401, 11.9185,
38.1944

■ 88.8692, 78.6732,
159.7451

■ 9.2881, 6.6882,
25.8306

■ 114.5064,
102.8356, 198.9314

■ 4.9882, 3.2679,
16.4723

144.6531,
131.4987, 244.0530

■ 2.2750, 1.2731,
9.7010

179.6747,
165.0469, 295.5284

■ 0.7818, 0.1203,
5.0982

219.9367,

■ 0.0000, 0.0000,

203.8647, 353.7762

2.2452

265.8043,
248.3364, 419.2150

■ 0.0000, 0.0000,
0.7003

■ 0.0000, 0.0000,
0.0000

■ 35.3619, 29.3465,
73.6127

■ 35.3619, 29.3465,
73.6127

■ 29.5562, 22.2509,
72.5496

■ 42.2810, 37.9818,
74.9153

■ 24.8002, 16.5994,
71.7094

■ 50.3660, 48.2381,
76.4689

■ 21.0286, 12.2907,
71.0766

■ 59.6697, 60.1946,
78.2863

■ 18.1667, 9.2085,
70.6325

■ 70.2408, 73.9245,
80.3793

■ 16.1282, 7.2161,
70.3554

■ 82.1253, 89.4968,
82.7587

■ 14.7779, 6.0829,
70.2078

■ 90.3194, 98.1078,
83.9889

■ 14.7676, 6.0743,
70.2067

Harmonies

Analogous

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



28.4937, 29.3465, 84.0904



35.3619, 29.3465, 73.6127



40.8283, 29.3465, 51.8203

Triad

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



35.3619, 29.3465, 73.6127



34.1656, 29.3465, 9.2474



16.9940, 29.3465, 33.6921

Complementary

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



35.3619, 29.3465, 73.6127



55.0486, 67.0538, 32.5967

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.



18.0266, 29.3465, 17.9500



35.3619, 29.3465, 73.6127



27.3008, 29.3465, 7.5923

Square

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



35.3619, 29.3465, 73.6127



40.0642, 29.3465, 16.0101



21.5576, 29.3465, 10.0151



18.4761, 29.3465, 56.0123

Rectangle

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



35.3619, 29.3465, 73.6127



42.5520, 29.3465, 36.8367



21.5576, 29.3465, 10.0151



17.0588, 29.3465, 27.5219

Sweetspot

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



35.3630, 29.3476, 73.6134



77.9689, 77.8389, 105.5228



44.3270, 52.7476, 77.6576



16.3232, 16.1900, 22.5146



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.



35.3630, 29.3476, 73.6134



41.1780, 31.5129, 98.5200



45.4693, 34.5576, 74.0864



13.2533, 13.3986, 17.2753



8.7667, 3.6147, 41.2840



0.6866, 0.2913, 2.8653

Inverse Universe

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



49.6180, 37.0035, 60.4051



63.3167, 43.4233, 77.0815



44.7398, 61.7394, 32.1142



14.1495, 13.8774, 16.5573



22.2266, 10.9576, 23.6567



1.5745, 0.7731, 1.8180

Previews

White Background



This preview shows how the XYZ color 35.3619, 29.3465, 73.6127 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3619, 29.3465, 73.6127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

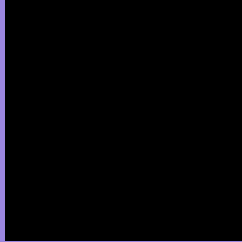
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3619, 29.3465, 73.6127

Background



This preview shows how black text looks on a background with the XYZ color 35.3619, 29.3465, 73.6127.



This preview shows how white text looks on a background with the XYZ color 35.3619, 29.3465,

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

35.3619, 29.3465, 73.6127

Protanopia

31.7611, 29.7218, 80.4068

Deuteranopia

30.2914, 29.6122, 71.8293



Tritanopia

28.0032, 29.4338, 37.0062

Trichromacy



Original Color

35.3619, 29.3465, 73.6127

Protanomaly

32.8737, 29.4527, 78.0811

Deuteranomaly

31.7774, 29.2336, 72.3744

Tritanomaly

30.2986, 29.2254, 48.3001

Monochromacy



Original Color

35.3619, 29.3465, 73.6127

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.8580, 29.7962, 45.7198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3619, 29.3465, 73.6127 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, 134, 223)` looks like.

```
.text, #text, p{  
    color:rgb(155, 134, 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, 134, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 134, 223) }
```

Border

The CSS property to change the border of an element to XYZ 35.3619, 29.3465, 73.6127 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, 134, 223) }
```


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

```
.border{ border-color:rgb(155, 134, 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, 134, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 134, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 134, 223);  
box-shadow:4px 4px 4px 4px rgb(155, 134,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3619, 29.3465, 73.6127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 134, 223) }
```

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

```
.background{ background-color: rgb(155,  
134, 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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