

Converting Colors

XYZ(36.4407, 33.0596, 70.1061)

Have a look what the booklet for
XYZ(36.4407, 33.0596, 70.1061)
contains.

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Color

**XYZ(36.4407, 33.0596,
70.1061)**

Conversions

Conversions Part 1

Format	Color
Hex	9A94D9
RGB	154, 148, 217
RGB Percent	60%, 58%, 85%
CMY	0.3961, 0.4196, 0.1490
CMYK	0.29, 0.32, 0.00, 0.15
HSL	245°, 48%, 72%
HSV	245°, 32%, 85%
XYZ	36.4407, 33.0596, 70.1061
YIQ	157.6600, -18.5730, 22.7310

Conversions

Conversions Part 2

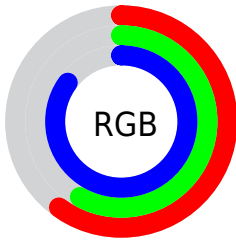
Format	Color
RYB	154, 148, 217
Decimal	10130649
CIELab	64.21, 17.50, -34.41
CIELCh	64, 38.606, 296.963
Yxy	33.0596, 0.2610, 0.2368
Android (android.graphics.Color)	4288320729 (0xFF9A94D9)
YUV	157.6600, 29.2546, -3.2098
Hunter-Lab	57.4975, 12.5090, -32.0435

Details

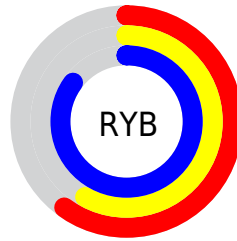
The XYZ color **36.4407, 33.0596, 70.1061** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.0229, 65.6134, 37.6775**, and the grayscale version is **32.2243, 33.9025, 36.9198**.

A 20% lighter version of the original color is **65.7489, 63.1627, 103.3340**, and **16.1631, 13.9247, 36.0183** is the 20% darker color. If you saturate the color by 10%, you get **29.8859, 25.0931, 68.9145**, and if you desaturate by 10%, it is **44.2582, 42.6256, 71.5411**.

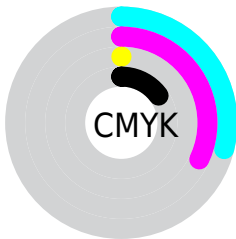
Distribution



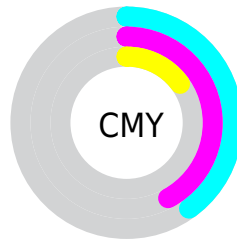
- Red (60%)
- Green (58%)
- Blue (85%)



- Red (60%)
- Yellow (58%)
- Blue (85%)



- Cyan (29%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (40%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4407, 33.0596, 70.1061 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 36.4407, 33.0596, 70.1061 by changing the saturation by 10% instead.

■ 36.4407, 33.0596,
70.1061

■ 36.4407, 33.0596,
70.1061

322.2804,
315.9182, 479.7216

■ 24.9464, 22.1721,
51.1357

■ 69.0312, 64.4686,
121.0426

■ 16.1657, 13.9834,
35.9391

■ 90.8581, 85.7588,
153.8457

■ 9.7331, 8.1091,
24.0979

116.8599,
111.2855, 192.0969

■ 5.2832, 4.1649,
15.1934

147.4020,
141.4329, 236.2146

■ 2.4508, 1.7662,
8.8071

182.8498,
176.5855, 286.6174

■ 0.8705, 0.4660,
4.5205

223.5685,

■ 0.0000, 0.0000,

217.1276, 343.7238

1.9150

269.9236,
263.4437, 407.9524

■ 0.0000, 0.0000,
0.5023

■ 0.0000, 0.0000,
0.0000

■ 36.4407, 33.0596,
70.1061

■ 36.4407, 33.0596,
70.1061

■ 29.8859, 25.0931,
68.9145

■ 44.2582, 42.6256,
71.5411

■ 24.5242, 18.6350,
67.9505

■ 53.3964, 53.8679,
73.2294

■ 20.2844, 13.5910,
67.2004

■ 63.9138, 66.8627,
75.1833

■ 17.0862, 9.8548,
66.6478

■ 75.8643, 81.6806,
77.4136

■ 14.8387, 7.3045,
66.2740

■ 88.8175, 97.4253,
79.7700

■ 13.4350, 5.7955,
66.0567

■ 89.5245, 97.7898,
79.8030

■ 12.7905, 5.1469,
65.9655

Harmonies

Analogous

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



30.8678, 33.0596, 75.2726



36.4407, 33.0596, 70.1061



41.0984, 33.0596, 55.0598

Triad

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



36.4407, 33.0596, 70.1061



37.5173, 33.0596, 16.1769



22.0392, 33.0596, 34.4226

Complementary

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



36.4407, 33.0596, 70.1061



57.0229, 65.6134, 37.6775

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.



23.3980, 33.0596, 21.9354



36.4407, 33.0596, 70.1061



31.9831, 33.0596, 13.5044

Square

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



36.4407, 33.0596, 70.1061



41.7690, 33.0596, 23.9845



26.8869, 33.0596, 15.2578



22.9429, 33.0596, 51.4684

Rectangle

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



36.4407, 33.0596, 70.1061



42.8332, 33.0596, 43.2340



26.8869, 33.0596, 15.2578



22.2423, 33.0596, 29.6151

Sweetspot

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



36.4418, 33.0609, 70.1069



79.3949, 80.6443, 105.9891



48.0945, 58.0193, 74.3102



16.5582, 16.7239, 22.6053



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.



36.4418, 33.0609, 70.1069



46.1303, 39.8718, 99.8724



43.9160, 36.9140, 70.4567



12.4431, 12.6710, 16.4421



7.7799, 3.1349, 39.9334



0.5411, 0.2222, 2.5888

Inverse Universe

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



50.9639, 40.6358, 66.7862



70.2068, 52.4370, 94.0725



48.2337, 61.0824, 37.2662



13.5630, 13.2543, 16.2260



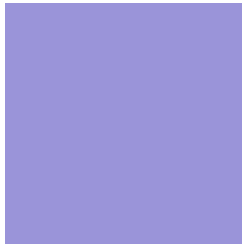
23.5215, 11.4096, 33.4559



1.5385, 0.7450, 2.2447

Previews

White Background



This preview shows how the XYZ color 36.4407, 33.0596, 70.1061 looks on a white background.

Color Contrast Check

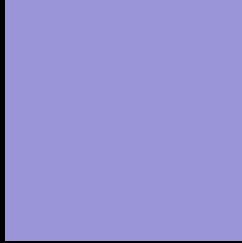
Large Text (above 18pt) WCAG AA × Fail

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 36.4407, 33.0596, 70.1061 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 36.4407, 33.0596, 70.1061

Background



This preview shows how black text looks on a background with the XYZ color 36.4407, 33.0596, 70.1061.



This preview shows how white text looks on a background with the XYZ color 36.4407, 33.0596,

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

36.4407, 33.0596, 70.1061

Protanopia

34.2739, 33.0713, 72.9836

Deuteranopia

34.1036, 33.3033, 69.5965



Tritanopia

30.8143, 32.9455, 42.7652

Trichromacy



Original Color

36.4407, 33.0596, 70.1061

Protanomaly

34.9694, 32.9632, 72.2296

Deuteranomaly

34.9506, 33.2540, 69.5423

Tritanomaly

32.7380, 32.9950, 51.6569

Monochromacy



Original Color

36.4407, 33.0596, 70.1061

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.5969, 33.5340, 47.3498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4407, 33.0596, 70.1061 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(154, 148, 217)` looks like.

```
.text, #text, p{  
    color:rgb(154, 148, 217)  
}
```

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(154, 148, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 148, 217) }
```

Border

The CSS property to change the border of an element to XYZ 36.4407, 33.0596, 70.1061 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(154, 148, 217) }
```


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

```
.border{ border-color:rgb(154, 148, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 148, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 148, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 148, 217);  
box-shadow:4px 4px 4px 4px rgb(154, 148,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4407, 33.0596, 70.1061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 148, 217) }
```

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

```
.background{ background-color: rgb(154,  
148, 217) }
```

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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