

Converting Colors

XYZ(36.7076, 32.8568, 65.9469)

Have a look what the booklet for
XYZ(36.7076, 32.8568, 65.9469)
contains.

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Color

**XYZ(36.7347, 32.8380,
66.0303)**

Conversions

Conversions Part 1

Format	Color
Hex	A192D3
RGB	161, 146, 211
RGB Percent	63%, 57%, 83%
CMY	0.3686, 0.4274, 0.1725
CMYK	0.24, 0.31, 0.00, 0.17
HSL	254°, 42%, 70%
HSV	254°, 31%, 83%
XYZ	36.7347, 32.8380, 66.0303
YIQ	157.8950, -11.9250, 23.3950

Conversions

Conversions Part 2

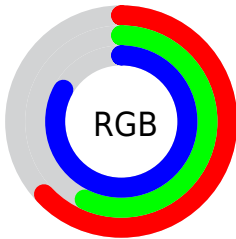
Format	Color
R _Y B	161, 146, 211
Decimal	10588883
CIE Lab	64.03, 19.25, -31.31
CIE LCh	64, 36.752, 301.592
Yxy	32.8380, 0.2709, 0.2422
Android (android.graphics.Color)	4288778963 (0xFFA192D3)
YUV	157.8950, 26.1808, 2.7231
Hunter-Lab	57.3045, 14.1436, -28.2051

Details

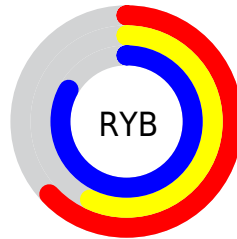
The XYZ color **36.7347, 32.8380, 66.0303** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.2485, 60.4004, 36.1529**, and the grayscale version is **32.3418, 34.0261, 37.0544**.

A 20% lighter version of the original color is **67.3195, 63.2803, 103.2739**, and **16.2773, 13.7729, 33.2530** is the 20% darker color. If you saturate the color by 10%, you get **30.7162, 25.3449, 64.9018**, and if you desaturate by 10%, it is **43.7803, 41.7531, 67.3803**.

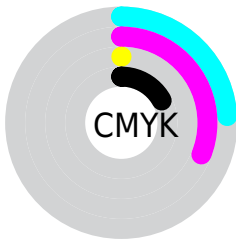
Distribution



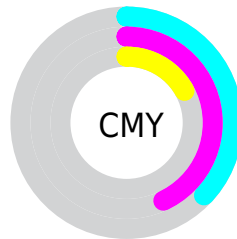
- Red (63%)
- Green (57%)
- Blue (83%)



- Red (63%)
- Yellow (57%)
- Blue (83%)



- Cyan (24%)
- Magenta (31%)
- Yellow (0%)
- Black (17%)



- Cyan (37%)
- Magenta (43%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7347, 32.8380, 66.0303 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 36.7347, 32.8380, 66.0303 by changing the saturation by 10% instead.

■ 36.7347, 32.8380,
66.0303

■ 36.7347, 32.8380,
66.0303

323.5360,
314.9191, 464.8924

■ 25.1749, 22.0024,
47.8404

■ 69.4810, 64.1225,
115.1572

■ 16.3368, 13.8586,
33.3414

■ 91.3983, 85.3402,
146.9313

■ 9.8552, 8.0224,
22.1148

117.4987,
110.7874, 184.0705

■ 5.3646, 4.1093,
13.7422

148.1477,
140.8484, 226.9934

■ 2.4997, 1.7349,
7.8049

183.7105,
175.9077, 276.1185

■ 0.8951, 0.4461,
3.8844

224.5526,

■ 0.0000, 0.0000,

216.3497, 331.8643

1.5621

271.0393,
262.5587, 394.6495

■ 0.0000, 0.0000,
0.2636

■ 0.0000, 0.0000,
0.0000

■ 36.7347, 32.8380,
66.0303

■ 36.7347, 32.8380,
66.0303

■ 30.7162, 25.3449,
64.9018

■ 43.7803, 41.7531,
67.3803

■ 25.6721, 19.1955,
63.9806

■ 51.8956, 52.1552,
68.9604

■ 21.5501, 14.3095,
63.2548

■ 61.1247, 64.1102,
70.7815

■ 18.2912, 10.5965,
62.7099

■ 71.5082, 77.6786,
72.8532

■ 15.8292, 7.9537,
62.3295

■ 83.0847, 92.9178,
75.1845

■ 14.0872, 6.2599,
62.0944

■ 88.7580, 97.4832,
75.7667

■ 13.0098, 5.3485,
61.9753

Harmonies

Analogous

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



31.4895, 32.8380, 72.5932



36.7347, 32.8380, 66.0303



40.8342, 32.8380, 51.1425

Triad

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



36.7347, 32.8380, 66.0303



36.2022, 32.8380, 16.0527



22.2638, 32.8380, 36.5546

Complementary

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



36.7347, 32.8380, 66.0303



51.2485, 60.4004, 36.1529

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.



23.2335, 32.8380, 23.8123



36.7347, 32.8380, 66.0303



30.9352, 32.8380, 14.1247

Square

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



36.7347, 32.8380, 66.0303



40.5036, 32.8380, 22.7792



26.2717, 32.8380, 16.5226



23.4618, 32.8380, 52.9076

Rectangle

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



36.7347, 32.8380, 66.0303



42.1569, 32.8380, 40.0975



26.2717, 32.8380, 16.5226



22.3464, 32.8380, 31.7379

Sweetspot

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



36.7358, 32.8393, 66.0311



81.9614, 83.0255, 106.3134



43.5603, 50.7098, 69.1207



17.1191, 17.2239, 22.6722



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.



36.7358, 32.8393, 66.0311



50.1251, 42.5842, 100.1854



43.9240, 36.5450, 66.3675



11.4153, 11.5474, 14.8709



7.9264, 3.2665, 37.4052



0.5146, 0.2195, 2.0948

Inverse Universe

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



47.1076, 38.3934, 57.1535



68.6643, 52.5238, 83.7804



43.8796, 56.6016, 35.8080



12.1892, 11.9604, 14.2723



20.2057, 9.9551, 21.7870



1.1589, 0.5683, 1.3717

Previews

White Background



This preview shows how the XYZ color 36.7347, 32.8380, 66.0303 looks on a white background.

Color Contrast Check

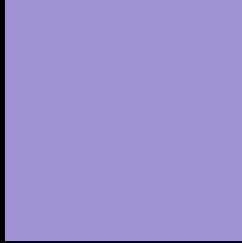
Large Text (above 18pt) WCAG AA × Fail

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 36.7347, 32.8380, 66.0303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

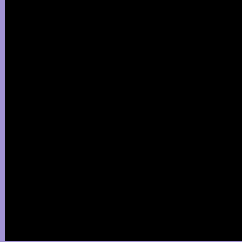
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7347, 32.8380, 66.0303

Background



This preview shows how black text looks on a background with the XYZ color 36.7347, 32.8380, 66.0303.



This preview shows how white text looks on a background with the XYZ color 36.7347, 32.8380,

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

36.7347, 32.8380, 66.0303

Protanopia

33.9392, 32.9746, 69.5417

Deuteranopia

33.8393, 33.0111, 65.5610



Tritanopia

31.8333, 33.0050, 41.2520

Trichromacy



Original Color

36.7347, 32.8380, 66.0303

Protanomaly

34.7210, 32.6875, 68.0976

Deuteranomaly

34.7519, 32.7617, 65.4648

Tritanomaly

33.4858, 32.9433, 49.3935

Monochromacy



Original Color

36.7347, 32.8380, 66.0303

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.7895, 33.6565, 46.3104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7347, 32.8380, 66.0303 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, 146, 211)` looks like.

```
.text, #text, p{  
    color:rgb(161, 146, 211)  
}
```

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, 146, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 146, 211) }
```

Border

The CSS property to change the border of an element to XYZ 36.7347, 32.8380, 66.0303 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, 146, 211) }
```


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

```
.border{ border-color:rgb(161, 146, 211) }
```

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

Here you see how a box with a 4 pixel rgb(161, 146, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 146, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 146, 211);  
box-shadow:4px 4px 4px 4px rgb(161, 146,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7347, 32.8380, 66.0303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 146, 211) }
```

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

```
.background{ background-color: rgb(161,  
146, 211) }
```

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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