

Converting Colors

XYZ(36.7383, 32.6408, 64.6856)

Have a look what the booklet for
XYZ(36.7383, 32.6408, 64.6856)
contains.

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Color

**XYZ(36.7383, 32.6408,
64.6856)**

Conversions

Conversions Part 1

Format	Color
Hex	A391D1
RGB	163, 145, 209
RGB Percent	64%, 57%, 82%
CMY	0.3608, 0.4314, 0.1804
CMYK	0.22, 0.31, 0.00, 0.18
HSL	257°, 41%, 69%
HSV	257°, 31%, 82%
XYZ	36.7383, 32.6408, 64.6856
YIQ	157.6780, -9.8160, 23.7200

Conversions

Conversions Part 2

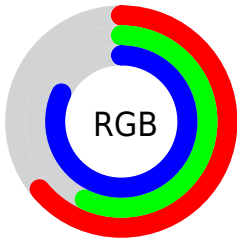
Format	Color
RYB	163, 145, 209
Decimal	10719697
CIELab	63.87, 19.96, -30.43
CIElCh	64, 36.386, 303.262
Yxy	32.6408, 0.2740, 0.2435
Android (android.graphics.Color)	4288909777 (0xFFA391D1)
YUV	157.6780, 25.3017, 4.6674
Hunter-Lab	57.1321, 14.8016, -27.1363

Details

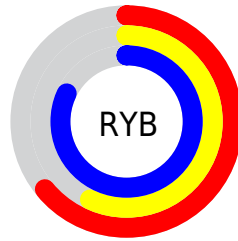
The XYZ color **36.7383, 32.6408, 64.6856** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.3981, 58.7224, 35.5204**, and the grayscale version is **32.2469, 33.9263, 36.9457**.

A 20% lighter version of the original color is **67.6868, 63.1269, 103.2250**, and **16.2658, 13.6535, 32.3499** is the 20% darker color. If you saturate the color by 10%, you get **30.9385, 25.3388, 63.5824**, and if you desaturate by 10%, it is **43.4931, 41.3087, 66.0032**.

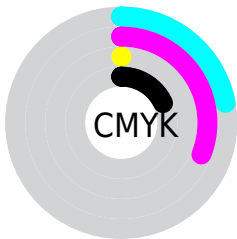
Distribution



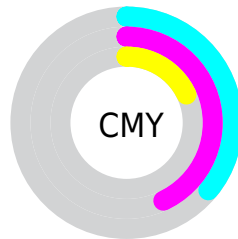
- Red (64%)
- Green (57%)
- Blue (82%)



- Red (64%)
- Yellow (57%)
- Blue (82%)



- Cyan (22%)
- Magenta (31%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (43%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7383, 32.6408, 64.6856 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 36.7383, 32.6408, 64.6856 by changing the saturation by 10% instead.

■ 36.7383, 32.6408,
64.6856

■ 36.7383, 32.6408,
64.6856

323.5514,
314.0280, 459.9365

■ 25.1777, 21.8514,
46.7565

■ 69.4866, 63.8143,
113.2067

■ 16.3389, 13.7478,
32.4902

■ 91.4049, 84.9673,
144.6357

■ 9.8567, 7.9454,
21.4683

117.5065,
110.3435, 181.4017

■ 5.3656, 4.0601,
13.2722

148.1568,
140.3274, 223.9234

■ 2.5003, 1.7072,
7.4833

183.7210,
175.3034, 272.6191

■ 0.8954, 0.4283,
3.6832

224.5647,

■ 0.0000, 0.0000,

215.6560, 327.9076

1.4532

271.0530,
261.7694, 390.2072

■ 0.0000, 0.0000,
0.1827

■ 0.0000, 0.0000,
0.0000

■ 36.7383, 32.6408,
64.6856

■ 36.7383, 32.6408,
64.6856

■ 30.9385, 25.3388,
63.5824

■ 43.4931, 41.3087,
66.0032

■ 26.0455, 19.3276,
62.6800

■ 51.2416, 51.4044,
67.5435

■ 22.0115, 14.5310,
61.9668

■ 60.0241, 62.9907,
69.3170

■ 18.7828, 10.8627,
61.4289

■ 69.8778, 76.1254,
71.3329

■ 16.2989, 8.2247,
61.0506

■ 80.8381, 90.8634,
73.5999

■ 14.4898, 6.5013,
60.8133

■ 87.8258, 97.0314,
74.4222

■ 13.2994, 5.5266,
60.6879

■ 88.5087, 97.3835,
74.4541

Harmonies

Analogous

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



31.5873, 32.6408, 71.7400



36.7383, 32.6408, 64.6856



40.6647, 32.6408, 49.7819

Triad

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



36.7383, 32.6408, 64.6856



35.6637, 32.6408, 15.8502



22.2028, 32.6408, 37.1677

Complementary

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



36.7383, 32.6408, 64.6856



49.3981, 58.7224, 35.5204

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.



23.0420, 32.6408, 24.3123



36.7383, 32.6408, 64.6856



30.4677, 32.6408, 14.1808

Square

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



36.7383, 32.6408, 64.6856



39.9980, 32.6408, 22.2195



25.9354, 32.6408, 16.8046



23.5041, 32.6408, 53.3398

Rectangle

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



36.7383, 32.6408, 64.6856



41.8546, 32.6408, 38.9492



25.9354, 32.6408, 16.8046



22.2445, 32.6408, 32.3363

Sweetspot

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



36.7394, 32.6421, 64.6863



82.3503, 83.2260, 106.3316



42.0217, 48.2942, 67.4291



17.2143, 17.2729, 22.6767



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.



36.7394, 32.6421, 64.6863



51.2727, 43.1758, 100.2391



43.9003, 36.3337, 65.0215



11.4714, 11.5763, 14.8735



8.2836, 3.4506, 37.4219



0.5411, 0.2331, 2.0960

Inverse Universe

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



45.8248, 37.5689, 54.1276



67.9920, 52.2548, 80.2399



42.3962, 55.1128, 35.1928



12.1631, 11.9500, 14.1346



19.6615, 9.7374, 18.9216



1.1323, 0.5576, 1.2315

Previews

White Background



This preview shows how the XYZ color 36.7383, 32.6408, 64.6856 looks on a white background.

Color Contrast Check

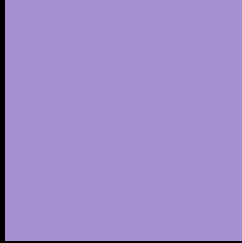
Large Text (above 18pt) WCAG AA × Fail

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 36.7383, 32.6408, 64.6856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

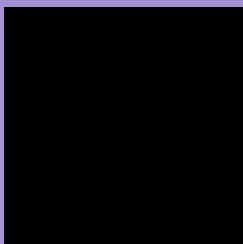
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7383, 32.6408, 64.6856

Background



This preview shows how black text looks on a background with the XYZ color 36.7383, 32.6408, 64.6856.



This preview shows how white text looks on a background with the XYZ color 36.7383, 32.6408,

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

36.7383, 32.6408, 64.6856

Protanopia

33.8103, 32.9230, 68.8628

Deuteranopia

33.3059, 32.5369, 63.5563



Tritanopia

31.7917, 32.5042, 40.6747

Trichromacy



Original Color

36.7383, 32.6408, 64.6856

Protanomaly

34.7706, 32.7278, 67.4353

Deuteranomaly

34.3454, 32.3449, 64.1075

Tritanomaly

33.4504, 32.4592, 48.7582

Monochromacy



Original Color

36.7383, 32.6408, 64.6856

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.8242, 33.4304, 46.2649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7383, 32.6408, 64.6856 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(163, 145, 209)` looks like.

```
.text, #text, p{  
    color:rgb(163, 145, 209)  
}
```

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(163, 145, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 145, 209) }
```

Border

The CSS property to change the border of an element to XYZ 36.7383, 32.6408, 64.6856 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(163, 145, 209) }
```


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

```
.border{ border-color:rgb(163, 145, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 145, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 145, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 145, 209);  
box-shadow:4px 4px 4px 4px rgb(163, 145,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7383, 32.6408, 64.6856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 145, 209) }
```

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

```
.background{ background-color: rgb(163,  
145, 209) }
```

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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