

Converting Colors

XYZ(36.6165, 33.0321, 61.0709)

Have a look what the booklet for
XYZ(36.6165, 33.0321, 61.0709)
contains.

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Color

**XYZ(36.7303, 33.1786,
60.9681)**

Conversions

Conversions Part 1

Format	Color
Hex	A593CB
RGB	165, 147, 203
RGB Percent	65%, 58%, 80%
CMY	0.3529, 0.4235, 0.2039
CMYK	0.19, 0.28, 0.00, 0.20
HSL	259°, 35%, 69%
HSV	259°, 28%, 80%
XYZ	36.7303, 33.1786, 60.9681
YIQ	158.7660, -7.2480, 21.2320

Conversions

Conversions Part 2

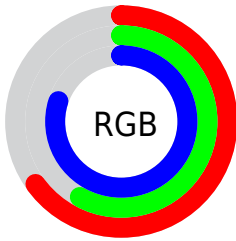
Format	Color
R_{YB}	165, 147, 203
Decimal	10851275
CIE _{Lab}	64.31, 18.05, -26.39
CIE _{LCh}	64, 31.971, 304.373
Yxy	33.1786, 0.2806, 0.2535
Android (android.graphics.Color)	4289041355 (0xFFA593CB)
YUV	158.7660, 21.8074, 5.4672
Hunter-Lab	57.6009, 13.0224, -22.4354

Details

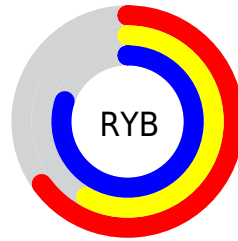
The XYZ color **36.7303, 33.1786, 60.9681** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.6310, 55.1335, 35.7893**, and the grayscale version is **32.7548, 34.4606, 37.5275**.

A 20% lighter version of the original color is **68.7554, 64.3654, 103.4077**, and **16.2898, 13.9804, 30.2737** is the 20% darker color. If you saturate the color by 10%, you get **31.1354, 26.0152, 59.8808**, and if you desaturate by 10%, it is **43.1930, 41.6179, 62.2570**.

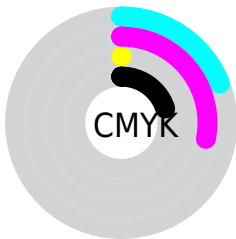
Distribution



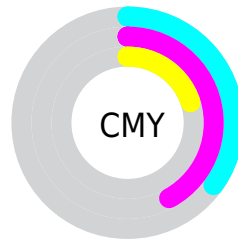
- Red (65%)
- Green (58%)
- Blue (80%)



- Red (65%)
- Yellow (58%)
- Blue (80%)



- Cyan (19%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (35%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7303, 33.1786, 60.9681 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 36.7303, 33.1786, 60.9681 by changing the saturation by 10% instead.

■ 36.7303, 33.1786,
60.9681

■ 36.7303, 33.1786,
60.9681

323.5172,
316.4537, 446.0603

■ 25.1715, 22.2633,
43.7690

■ 69.4743, 64.6543,
107.7898

■ 16.3343, 14.0505,
30.1531

■ 91.3902, 85.9834,
138.2496

■ 9.8533, 8.1558,
19.7018

117.4892,
111.5527, 173.9666

■ 5.3633, 4.1948,
11.9965

148.1365,
141.7464, 215.3595

■ 2.4989, 1.7831,
6.6188

183.6977,
176.9489, 262.8468

■ 0.8947, 0.4766,
3.1501

224.5379,

■ 0.0000, 0.0000,

217.5447, 316.8470

1.1718

271.0227,
263.9182, 377.7787

■ 0.0000, 0.0000,
0.0000

■ 36.7303, 33.1786,
60.9681

■ 36.7303, 33.1786,
60.9681

■ 31.1354, 26.0152,
59.8808

■ 43.1930, 41.6179,
62.2570

■ 26.3661, 20.0599,
58.9827

■ 50.5567, 51.3879,
63.7547

■ 22.3812, 15.2450,
58.2634

■ 58.8567, 62.5455,
65.4708

■ 19.1345, 11.4940,
57.7105

■ 68.1255, 75.1426,
67.4138

■ 16.5745, 8.7209,
57.3102

■ 78.3939, 89.2288,
69.5915

■ 14.6419, 6.8254,
57.0462

■ 85.1282, 95.7250,
70.4905

■ 13.2571, 5.6680,
56.8957

■ 87.7796, 97.0918,
70.6145

■ 12.9761, 5.4442,
56.8673

Harmonies

Analogous

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



32.2062, 33.1786, 67.2642



36.7303, 33.1786, 60.9681



40.0881, 33.1786, 48.0667

Triad

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



36.7303, 33.1786, 60.9681



35.4676, 33.1786, 17.9339



23.6003, 33.1786, 38.0677

Complementary

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



36.7303, 33.1786, 60.9681



46.6310, 55.1335, 35.7893

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.



24.2946, 33.1786, 26.3470



36.7303, 33.1786, 60.9681



30.8737, 33.1786, 16.4774

Square

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



36.7303, 33.1786, 60.9681



39.3114, 33.1786, 23.7591



26.8547, 33.1786, 19.1570



24.8588, 33.1786, 52.1764

Rectangle

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



36.7303, 33.1786, 60.9681



41.0551, 33.1786, 38.6358



26.8547, 33.1786, 19.1570



23.6141, 33.1786, 33.7271

Sweetspot

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



36.7314, 33.1800, 60.9688



83.9732, 85.1363, 106.6148



40.2180, 45.3255, 63.1294



17.5526, 17.6611, 22.7338



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.



36.7314, 33.1800, 60.9688



55.8463, 48.2810, 100.9835



43.1386, 36.4830, 61.2687



10.9356, 11.0161, 14.1203



8.3428, 3.5084, 36.1937



0.5097, 0.2219, 1.8709

Inverse Universe

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



43.8203, 37.0680, 50.7454



69.7716, 55.9280, 80.4819



40.5802, 52.0142, 35.5062



11.5282, 11.3400, 13.3159



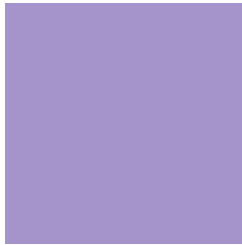
18.6246, 9.2604, 16.2739



0.9945, 0.4912, 1.0171

Previews

White Background



This preview shows how the XYZ color 36.7303, 33.1786, 60.9681 looks on a white background.

Color Contrast Check

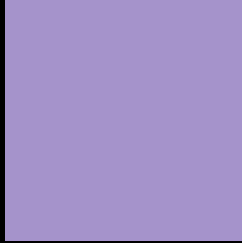
Large Text (above 18pt) WCAG AA × Fail

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 36.7303, 33.1786, 60.9681 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 36.7303, 33.1786, 60.9681

Background



This preview shows how black text looks on a background with the XYZ color 36.7303, 33.1786, 60.9681.



This preview shows how white text looks on a background with the XYZ color 36.7303, 33.1786,

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

36.7303, 33.1786, 60.9681

Protanopia

33.9253, 33.3280, 64.3194

Deuteranopia

34.0845, 33.2498, 60.4985



Tritanopia

32.7366, 33.2353, 40.7660

Trichromacy



Original Color

36.7303, 33.1786, 60.9681

Protanomaly

34.7849, 33.0735, 62.9430

Deuteranomaly

35.0537, 33.2675, 60.4509

Tritanomaly

33.9012, 32.9650, 47.2239

Monochromacy



Original Color

36.7303, 33.1786, 60.9681

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.1572, 34.1149, 45.3420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7303, 33.1786, 60.9681 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(165, 147, 203)` looks like.

```
.text, #text, p{  
    color:rgb(165, 147, 203)  
}
```

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(165, 147, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 147, 203) }
```

Border

The CSS property to change the border of an element to XYZ 36.7303, 33.1786, 60.9681 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(165, 147, 203) }
```


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

```
.border{ border-color:rgb(165, 147, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 147, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 147, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 147, 203);  
box-shadow:4px 4px 4px 4px rgb(165, 147,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7303, 33.1786, 60.9681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 147, 203) }
```

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

```
.background{ background-color: rgb(165,  
147, 203) }
```

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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