

Converting Colors

XYZ(37.6604, 35.1007, 60.3265)

Have a look what the booklet for
XYZ(37.6604, 35.1007, 60.3265)
contains.

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Color

**XYZ(37.6597, 35.1065,
60.0497)**

Conversions

Conversions Part 1

Format	Color
Hex	A699C9
RGB	166, 153, 201
RGB Percent	65%, 60%, 79%
CMY	0.3490, 0.4000, 0.2118
CMYK	0.17, 0.24, 0.00, 0.21
HSL	256°, 31%, 69%
HSV	256°, 24%, 79%
XYZ	37.6597, 35.1065, 60.0497
YIQ	162.3590, -7.6600, 17.6840

Conversions

Conversions Part 2

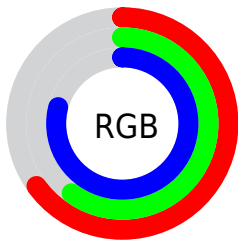
Format	Color
R_{YB}	166, 153, 201
Decimal	10918345
CIE _{Lab}	65.83, 14.52, -22.92
CIE _{LCh}	66, 27.135, 302.345
Yxy	35.1065, 0.2835, 0.2643
Android (android.graphics.Color)	4289108425 (0xFFA699C9)
YUV	162.3590, 19.0500, 3.1932
Hunter-Lab	59.2507, 9.7656, -18.6140

Details

The XYZ color **37.6597, 35.1065, 60.0497** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.3767, 54.7655, 38.2124**, and the grayscale version is **34.4279, 36.2208, 39.4445**.

A 20% lighter version of the original color is **70.1816, 67.2178, 103.8831**, and **16.8279, 15.1200, 29.6353** is the 20% darker color. If you saturate the color by 10%, you get **31.7437, 27.5781, 58.9090**, and if you desaturate by 10%, it is **44.4823, 43.9266, 61.3931**.

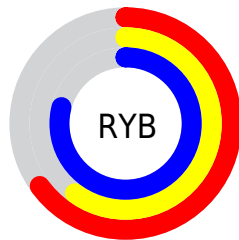
Distribution



Red (65%)

Green (60%)

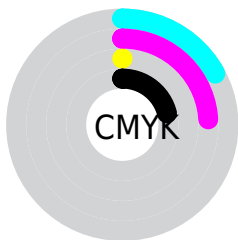
Blue (79%)



Red (65%)

Yellow (60%)

Blue (79%)

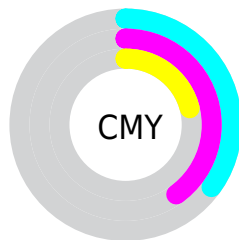


Cyan (17%)

Magenta (24%)

Yellow (0%)

Black (21%)



Cyan (35%)

Magenta (40%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6597, 35.1065, 60.0497 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 37.6597, 35.1065, 60.0497 by changing the saturation by 10% instead.

■ 37.6597, 35.1065,
60.0497

■ 37.6597, 35.1065,
60.0497

327.4641,
325.0382, 442.5907

■ 25.8947, 23.7449,
43.0331

■ 70.8935, 67.6507,
106.4458

■ 16.8771, 15.1445,
29.5795

■ 93.0930, 89.6022,
136.6625

■ 10.2417, 8.9209,
19.2703

119.5014,
115.8523, 172.1163

■ 5.6230, 4.6896,
11.6870

150.4841,
146.7856, 213.2257

■ 2.6557, 2.0663,
6.4110

186.4063,
182.7865, 260.4093

■ 0.9744, 0.6456,
3.0237

227.6335,

■ 0.0000, 0.0000,

224.2393, 314.0856

1.1068

274.5309,
271.5284, 374.6732

■ 0.0000, 0.0000,
0.0000

■ 37.6597, 35.1065,
60.0497

■ 37.6597, 35.1065,
60.0497

■ 31.7437, 27.5781,
58.9090

■ 44.4823, 43.9266,
61.3931

■ 26.6914, 21.2756,
57.9587

■ 52.2450, 54.0914,
62.9460

■ 22.4616, 16.1337,
57.1892

■ 60.9839, 65.6562,
64.7176

■ 19.0078, 12.0793,
56.5886

■ 70.7319, 78.6719,
66.7161

■ 16.2790, 9.0307,
56.1440

■ 81.5205, 93.1869,
68.9492

■ 14.2171, 6.8942,
55.8403

■ 87.1547, 96.7971,
69.3491

■ 12.7537, 5.5576,
55.6594

■ 87.5427, 96.9971,
69.3672

■ 12.0874, 5.0134,
55.5895

Harmonies

Analogous

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



33.6837, 35.1065, 64.7675



37.6597, 35.1065, 60.0497



40.6642, 35.1065, 49.4029

Triad

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



37.6597, 35.1065, 60.0497



37.0712, 35.1065, 21.8286



26.2494, 35.1065, 39.1344

Complementary

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



37.6597, 35.1065, 60.0497



47.3767, 54.7655, 38.2124

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.



27.0007, 35.1065, 28.8748



37.6597, 35.1065, 60.0497



33.0536, 35.1065, 20.1518

Square

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



37.6597, 35.1065, 60.0497



40.3058, 35.1065, 27.5978



29.4148, 35.1065, 22.4556



27.2752, 35.1065, 51.2805

Rectangle

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



37.6597, 35.1065, 60.0497



41.5967, 35.1065, 41.2389



29.4148, 35.1065, 22.4556



26.3025, 35.1065, 35.3616

Sweetspot

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



37.6608, 35.1079, 60.0505



84.9901, 86.7497, 106.8726



41.7066, 47.0424, 62.1408



18.0141, 18.3355, 22.8396



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.



37.6608, 35.1079, 60.0505



58.6920, 52.7162, 101.6896



43.1202, 37.9224, 60.3060



10.3217, 10.4241, 13.3855



7.6760, 3.1913, 34.9558



0.4349, 0.1879, 1.6585

Inverse Universe

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



44.5569, 38.8323, 52.7255



72.7656, 60.3247, 86.3859



41.9887, 51.9879, 37.9602



10.9558, 10.7657, 12.7505



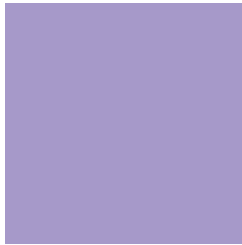
18.4752, 9.1397, 18.2443



0.9039, 0.4444, 1.0173

Previews

White Background



This preview shows how the XYZ color 37.6597, 35.1065, 60.0497 looks on a white background.

Color Contrast Check

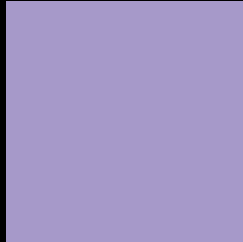
Large Text (above 18pt) WCAG AA × Fail

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 37.6597, 35.1065, 60.0497 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 37.6597, 35.1065, 60.0497

Background



This preview shows how black text looks on a background with the XYZ color 37.6597, 35.1065, 60.0497.



This preview shows how white text looks on a background with the XYZ color 37.6597, 35.1065,

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

37.6597, 35.1065, 60.0497

Protanopia

35.4590, 35.1574, 62.6748

Deuteranopia

35.9999, 35.2526, 59.5506



Tritanopia

34.2755, 34.9711, 43.4717

Trichromacy



Original Color

37.6597, 35.1065, 60.0497

Protanomaly

36.3051, 35.1051, 61.9892

Deuteranomaly

36.6119, 35.3180, 59.5310

Tritanomaly

35.4362, 34.9409, 49.1325

Monochromacy



Original Color

37.6597, 35.1065, 60.0497

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.3389, 35.7174, 46.1059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6597, 35.1065, 60.0497 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(166, 153, 201)` looks like.

```
.text, #text, p{  
    color:rgb(166, 153, 201)  
}
```

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(166, 153, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 153, 201) }
```

Border

The CSS property to change the border of an element to XYZ 37.6597, 35.1065, 60.0497 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(166, 153, 201) }
```


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

```
.border{ border-color:rgb(166, 153, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 153, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 153, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 153, 201);  
box-shadow:4px 4px 4px 4px rgb(166, 153,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6597, 35.1065, 60.0497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 153, 201) }
```

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

```
.background{ background-color: rgb(166,  
153, 201) }
```

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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