

Converting Colors

XYZ(37.7049, 35.3238, 60.3389)

Have a look what the booklet for
XYZ(37.7049, 35.3238, 60.3389)
contains.

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Color

**XYZ(37.6153, 35.3276,
60.0947)**

Conversions

Conversions Part 1

Format	Color
Hex	A59AC9
RGB	165, 154, 201
RGB Percent	65%, 60%, 79%
CMY	0.3529, 0.3961, 0.2118
CMYK	0.18, 0.23, 0.00, 0.21
HSL	254°, 30%, 70%
HSV	254°, 23%, 79%
XYZ	37.6153, 35.3276, 60.0947
YIQ	162.6470, -8.5310, 16.9490

Conversions

Conversions Part 2

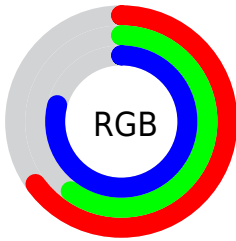
Format	Color
R_{YB}	165, 154, 201
Decimal	10853065
CIE _{Lab}	66.00, 13.63, -22.67
CIE _{LCh}	66, 26.454, 301.023
Yxy	35.3276, 0.2827, 0.2655
Android (android.graphics.Color)	4289043145 (0xFFA59AC9)
YUV	162.6470, 18.9080, 2.0636
Hunter-Lab	59.4370, 8.9507, -18.3401

Details

The XYZ color **37.6153, 35.3276, 60.0947** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.9557, 55.0544, 38.6724**, and the grayscale version is **34.5640, 36.3641, 39.6005**.

A 20% lighter version of the original color is **70.1211, 67.5474, 103.9499**, and **16.9268, 15.3178, 29.6683** is the 20% darker color. If you saturate the color by 10%, you get **31.5598, 27.6873, 58.9397**, and if you desaturate by 10%, it is **44.6141, 44.2805, 61.4545**.

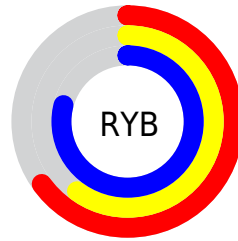
Distribution



Red (65%)

Green (60%)

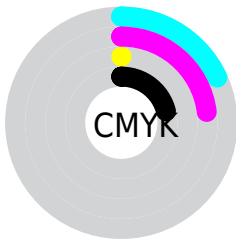
Blue (79%)



Red (65%)

Yellow (60%)

Blue (79%)

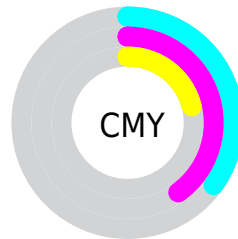


Cyan (18%)

Magenta (23%)

Yellow (0%)

Black (21%)



Cyan (35%)

Magenta (40%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6153, 35.3276, 60.0947 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 37.6153, 35.3276, 60.0947 by changing the saturation by 10% instead.

■ 37.6153, 35.3276,
60.0947

■ 37.6153, 35.3276,
60.0947

327.2763,
326.0120, 442.7611

■ 25.8601, 23.9153,
43.0692

■ 70.8258, 67.9930,
106.5117

■ 16.8511, 15.2708,
29.6076

■ 93.0118, 90.0149,
136.7403

■ 10.2231, 9.0097,
19.2914

119.4055,
116.3421, 172.2071

■ 5.6105, 4.7475,
11.7021

150.3722,
147.3590, 213.3304

■ 2.6481, 2.0999,
6.4211

186.2773,
183.4501, 260.5289

■ 0.9705, 0.6646,
3.0299

227.4861,

■ 0.0000, 0.0000,

224.9997, 314.2212

1.1099

274.3640,
272.3922, 374.8257

■ 0.0000, 0.0000,
0.0000

■ 37.6153, 35.3276,
60.0947

■ 37.6153, 35.3276,
60.0947

■ 31.5598, 27.6873,
58.9397

■ 44.6141, 44.2805,
61.4545

■ 26.4029, 21.2930,
57.9773

■ 52.5914, 54.5997,
63.0258

■ 22.1013, 16.0786,
57.1975

■ 61.5849, 66.3412,
64.8182

■ 18.6067, 11.9702,
56.5887

■ 71.6290, 79.5568,
66.8396

■ 15.8654, 8.8852,
56.1377

■ 82.7568, 94.2953,
69.0980

■ 13.8172, 6.7292,
55.8295

■ 87.5427, 96.9971,
69.3672

■ 12.3910, 5.3894,
55.6461

■ 11.7168, 4.8224,
55.5722

Harmonies

Analogous

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



33.7127, 35.3276, 64.3450



37.6153, 35.3276, 60.0947



40.6146, 35.3276, 49.9029

Triad

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



37.6153, 35.3276, 60.0947



37.3643, 35.3276, 22.4999



26.5897, 35.3276, 38.8527

Complementary

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



37.6153, 35.3276, 60.0947



47.9557, 55.0544, 38.6724

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.



27.4047, 35.3276, 28.9250



37.6153, 35.3276, 60.0947



33.4434, 35.3276, 20.6641

Square

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



37.6153, 35.3276, 60.0947



40.4619, 35.3276, 28.3761



29.8401, 35.3276, 22.7707



27.5225, 35.3276, 50.7016

Rectangle

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



37.6153, 35.3276, 60.0947



41.5889, 35.3276, 41.9341



29.8401, 35.3276, 22.7707



26.6678, 35.3276, 35.1941

Sweetspot

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



37.6164, 35.3290, 60.0955



84.7651, 86.6337, 106.8621



42.2908, 47.9295, 62.2813



17.9621, 18.3087, 22.8372



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.



37.6164, 35.3290, 60.0955



59.0097, 53.6570, 101.8544



42.9535, 38.0804, 60.3453



10.2852, 10.4053, 13.3838



7.4353, 3.0673, 34.9445



0.4185, 0.1795, 1.6577

Inverse Universe

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



44.9383, 39.2478, 53.9236



73.7729, 61.5652, 89.1079



42.5584, 52.2720, 38.4199



10.9728, 10.7725, 12.8402



18.8474, 9.2885, 20.2038



0.9190, 0.4504, 1.0965

Previews

White Background



This preview shows how the XYZ color 37.6153, 35.3276, 60.0947 looks on a white background.

Color Contrast Check

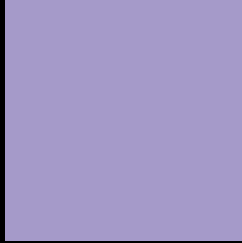
Large Text (above 18pt) WCAG AA × Fail

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 37.6153, 35.3276, 60.0947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

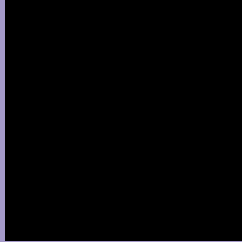
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6153, 35.3276, 60.0947

Background



This preview shows how black text looks on a background with the XYZ color 37.6153, 35.3276, 60.0947.



This preview shows how white text looks on a background with the XYZ color 37.6153, 35.3276,

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

37.6153, 35.3276, 60.0947

Protanopia

35.6916, 35.5455, 62.1066

Deuteranopia

35.9999, 35.2526, 59.5506



Tritanopia

34.3417, 35.2484, 44.0233

Trichromacy



Original Color

37.6153, 35.3276, 60.0947

Protanomaly

36.3540, 35.3943, 61.4156

Deuteranomaly

36.6119, 35.3180, 59.5310

Tritanomaly

35.5045, 35.2142, 49.7255

Monochromacy



Original Color

37.6153, 35.3276, 60.0947

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.8165, 36.2084, 46.6962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6153, 35.3276, 60.0947 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, 154, 201)` looks like.

```
.text, #text, p{  
    color:rgb(165, 154, 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(165, 154, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 154, 201) }
```

Border

The CSS property to change the border of an element to XYZ 37.6153, 35.3276, 60.0947 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, 154, 201) }
```


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

```
.border{ border-color:rgb(165, 154, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 154, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 154, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 154, 201);  
box-shadow:4px 4px 4px 4px rgb(165, 154,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6153, 35.3276, 60.0947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 154, 201) }
```

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

```
.background{ background-color: rgb(165,  
154, 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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