

Converting Colors

XYZ(37.3112, 36.0269, 66.6154)

Have a look what the booklet for
XYZ(37.3112, 36.0269, 66.6154)
contains.

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Color

**XYZ(37.3112, 36.0269,
66.6154)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9A9ED3 |
| RGB | 154, 158, 211 |
| RGB Percent | 60%, 62%, 83% |
| CMY | 0.3961, 0.3804, 0.1725 |
| CMYK | 0.27, 0.25, 0.00, 0.17 |
| HSL | 236°, 39%, 72% |
| HSV | 236°, 27%, 83% |
| XYZ | 37.3112, 36.0269, 66.6154 |
| YIQ | 162.8460, -19.3970, 15.6350 |

Conversions

Conversions Part 2

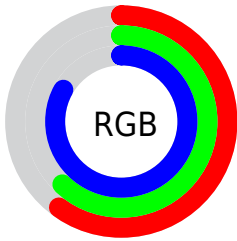
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 154, 158, 211 |
| Decimal | 10133203 |
| CIELab | 66.54, 10.33, -27.47 |
| CIELCh | 67, 29.351, 290.597 |
| Yxy | 36.0269, 0.2666, 0.2574 |
| Android (android.graphics.Color) | 4288323283 (0xFF9A9ED3) |
| YUV | 162.8460, 23.7399, -7.7579 |
| Hunter-Lab | 60.0224, 5.9202, -23.7868 |

Details

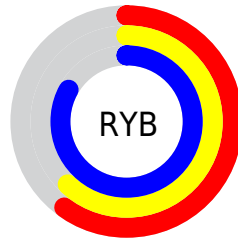
The XYZ color **37.3112, 36.0269, 66.6154** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.0102, 60.8082, 39.4109**, and the grayscale version is **34.6393, 36.4432, 39.6867**.

A 20% lighter version of the original color is **68.1387, 68.3638, 104.2120**, and **16.6253, 15.6824, 33.6032** is the 20% darker color. If you saturate the color by 10%, you get **30.5592, 27.9692, 65.4166**, and if you desaturate by 10%, it is **45.3057, 45.5198, 68.0270**.

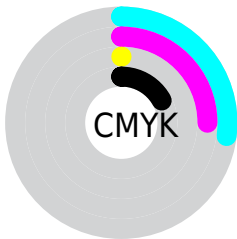
Distribution



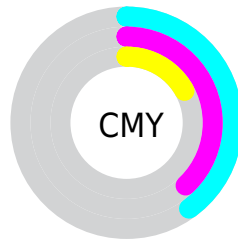
- Red (60%)
- Green (62%)
- Blue (83%)



- Red (60%)
- Yellow (62%)
- Blue (83%)



- Cyan (27%)
- Magenta (25%)
- Yellow (0%)
- Black (17%)



- Cyan (40%)
- Magenta (38%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3112, 36.0269, 66.6154 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 37.3112, 36.0269, 66.6154 by changing the saturation by 10% instead.

■ 37.3112, 36.0269,
66.6154

■ 37.3112, 36.0269,
66.6154

325.9881,
329.0781, 467.0387

■ 25.6233, 24.4550,
48.3125

■ 70.3619, 69.0736,
116.0046

■ 16.6732, 15.6715,
33.7127

■ 92.4554, 91.3171,
147.9279

■ 10.0957, 9.2920,
22.3974

118.7481,
117.8867, 185.2285

■ 5.5252, 4.9321,
13.9481

149.6055,
149.1666, 228.3248

■ 2.5965, 2.2075,
7.9462

185.3928,
185.5413, 277.6355

■ 0.9442, 0.7241,
3.9733

226.4754,

■ 0.0000, 0.0000,

227.3952, 333.5790

1.6107

273.2187,
275.1127, 396.5739

■ 0.0000, 0.0000,
0.2984

■ 0.0000, 0.0000,
0.0000

■ 37.3112, 36.0269,
66.6154

■ 37.3112, 36.0269,
66.6154

■ 30.5592, 27.9692,
65.4166

■ 45.3057, 45.5198,
68.0270

■ 24.9839, 21.2727,
64.4179

■ 54.5970, 56.5086,
69.6583

■ 20.5188, 15.8635,
63.6092

■ 65.2405, 69.0555,
71.5191

■ 17.0893, 11.6587,
62.9783

■ 77.2874, 83.2180,
73.6178

■ 14.6117, 8.5658,
62.5119

■ 88.7580, 97.4832,
75.7667

■ 12.9892, 6.4788,
62.1946

■ 12.0990, 5.2681,
62.0078

■ 11.9261, 5.0395,
61.9728

Harmonies

Analogous

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



32.8765, 36.0269, 68.3748



37.3112, 36.0269, 66.6154



41.2172, 36.0269, 56.7388

Triad

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



37.3112, 36.0269, 66.6154



39.9087, 36.0269, 23.3029



26.5436, 36.0269, 35.3939

Complementary

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



37.3112, 36.0269, 66.6154



55.0102, 60.8082, 39.4109

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.



28.1026, 36.0269, 25.7495



37.3112, 36.0269, 66.6154



35.6458, 36.0269, 19.8239

Square

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



37.3112, 36.0269, 66.6154



42.8039, 36.0269, 31.2933



31.3468, 36.0269, 20.6115



26.9063, 36.0269, 48.4000

Rectangle

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



37.3112, 36.0269, 66.6154



42.8741, 36.0269, 47.8554



31.3468, 36.0269, 20.6115



26.8549, 36.0269, 31.7039

Sweetspot

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



37.3124, 36.0283, 66.6162



82.1836, 84.8233, 106.6487



47.7926, 57.9278, 67.2148



17.1054, 17.5823, 22.7421



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.



37.3124, 36.0283, 66.6162



51.5177, 48.4410, 101.2425



41.6173, 37.2511, 66.6253



11.2294, 11.5490, 14.8810



7.2251, 3.0968, 37.4094



0.4278, 0.2209, 2.0996

Inverse Universe

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



44.5922, 39.4299, 37.6097



64.4099, 54.5606, 49.8516



49.6827, 59.5188, 39.4429



11.8419, 11.8215, 12.4433



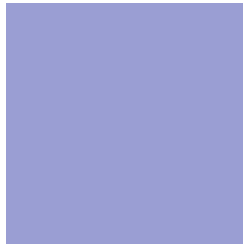
16.2776, 8.3839, 1.1021



0.9222, 0.4736, 0.1250

Previews

White Background



This preview shows how the XYZ color 37.3112, 36.0269, 66.6154 looks on a white background.

Color Contrast Check

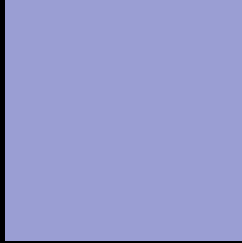
Large Text (above 18pt) WCAG AA × Fail

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 37.3112, 36.0269, 66.6154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

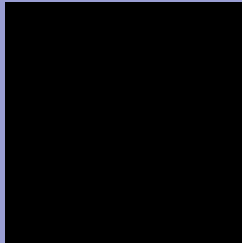
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3112, 36.0269, 66.6154

Background



This preview shows how black text looks on a background with the XYZ color 37.3112, 36.0269, 66.6154.



This preview shows how white text looks on a background with the XYZ color 37.3112, 36.0269,

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

37.3112, 36.0269, 66.6154

Protanopia

36.4871, 36.0981, 67.3319

Deuteranopia

36.9185, 36.0787, 66.6461



Tritanopia

33.2439, 35.9283, 46.7777

Trichromacy



Original Color

37.3112, 36.0269, 66.6154

Protanomaly

36.8595, 36.0338, 67.2999

Deuteranomaly

37.1049, 36.1748, 66.6548

Tritanomaly

34.6833, 35.9988, 53.2646

Monochromacy



Original Color

37.3112, 36.0269, 66.6154

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.4803, 36.2586, 48.3086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3112, 36.0269, 66.6154 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(154, 158, 211)` looks like.

```
.text, #text, p{  
    color:rgb(154, 158, 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(154, 158, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 158, 211) }
```

Border

The CSS property to change the border of an element to XYZ 37.3112, 36.0269, 66.6154 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(154, 158, 211) }
```


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

```
.border{ border-color:rgb(154, 158, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 158, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 158, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 158, 211);  
box-shadow:4px 4px 4px 4px rgb(154, 158,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3112, 36.0269, 66.6154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 158, 211) }
```

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

```
.background{ background-color: rgb(154,  
158, 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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