

Converting Colors

XYZ(36.6105, 40.0934, 49.5253)

Have a look what the booklet for
XYZ(36.6105, 40.0934, 49.5253)
contains.

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Color

**XYZ(36.6105, 40.0934,
49.5253)**

Conversions

Conversions Part 1

Format	Color
Hex	9AADB5
RGB	154, 173, 181
RGB Percent	60%, 68%, 71%
CMY	0.3961, 0.3216, 0.2902
CMYK	0.15, 0.04, 0.00, 0.29
HSL	198°, 15%, 66%
HSV	198°, 15%, 71%
XYZ	36.6105, 40.0934, 49.5253
YIQ	168.2310, -13.8920, -1.5400

Conversions

Conversions Part 2

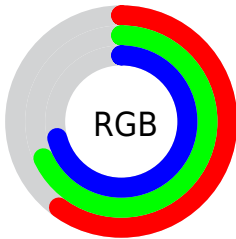
Format	Color
RYB	154, 165, 181
Decimal	10137013
CIELab	69.54, -4.89, -6.33
CIELCh	70, 8.004, 232.318
Yxy	40.0934, 0.2900, 0.3176
Android (android.graphics.Color)	4288327093 (0xFF9AADB5)
YUV	168.2310, 6.2951, -12.4806
Hunter-Lab	63.3193, -7.6023, -2.0502

Details

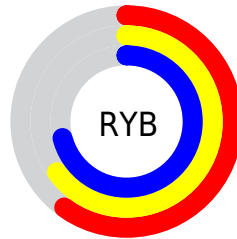
The XYZ color **36.6105, 40.0934, 49.5253** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8094, 37.9974, 35.9140**, and the grayscale version is **37.3088, 39.2518, 42.7452**.

A 20% lighter version of the original color is **69.3240, 75.1565, 90.9737**, and **16.3272, 18.1168, 23.0584** is the 20% darker color. If you saturate the color by 10%, you get **32.4147, 36.4357, 49.0411**, and if you desaturate by 10%, it is **41.3694, 44.1047, 50.0494**.

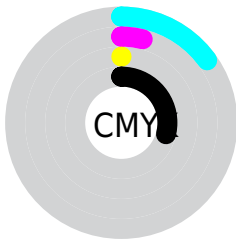
Distribution



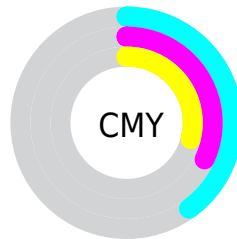
- Red (60%)
- Green (68%)
- Blue (71%)



- Red (60%)
- Yellow (65%)
- Blue (71%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6105, 40.0934, 49.5253 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 36.6105, 40.0934, 49.5253 by changing the saturation by 10% instead.

■ 36.6105, 40.0934,
49.5253

■ 36.6105, 40.0934,
49.5253

323.0060,
346.5171, 401.4884

■ 25.0784, 27.6114,
34.6678

■ 69.2911, 75.3057,
90.8602

■ 16.2645, 18.0329,
23.1256

■ 91.1702, 98.8048,
118.1747

■ 9.8035, 10.9736,
14.4801

117.2290,
126.7450, 150.4786

■ 5.3302, 6.0491,
8.3128

147.8329,
159.5108, 188.1905

■ 2.4790, 2.8750,
4.2051

183.3471,
197.4865, 231.7289

■ 0.8847, 1.0668,
1.7385

224.1372,

■ 0.0000, 0.0000,

241.0565, 281.5123

0.3869

270.5684,
290.6052, 337.9593

■ 0.0000, 0.0000,
0.0000

■ 36.6105, 40.0934,
49.5253

■ 36.6105, 40.0934,
49.5253

■ 32.4147, 36.4357,
49.0411

■ 41.3694, 44.1047,
50.0494

■ 28.7548, 33.1138,
48.5928

■ 46.7100, 48.4769,
50.6118

■ 25.6066, 30.1154,
48.1800

■ 52.6545, 53.2229,
51.2146

■ 22.9424, 27.4257,
47.8012

■ 59.2228, 58.3539,
51.8588

■ 20.7320, 25.0282,
47.4550

■ 66.4338, 63.8801,
52.5454

■ 18.9412, 22.9047,
47.1395

■ 71.4530, 68.3411,
53.1419

■ 17.5310, 21.0341,
46.8527

■ 72.7590, 70.9531,
53.5772

■ 16.4535, 19.3911,
46.5924

■ 74.1094, 73.6539,
54.0273

■ 15.9802, 18.6154,
46.4676

■ 75.5046, 76.4443,
54.4924

Harmonies

Analogous

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



35.8574, 40.0934, 46.4101



36.6105, 40.0934, 49.5253



37.7768, 40.0934, 51.0847

Triad

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



36.6105, 40.0934, 49.5253



40.6205, 40.0934, 44.6120



37.1728, 40.0934, 37.4040

Complementary

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



36.6105, 40.0934, 49.5253



37.8094, 37.9974, 35.9140

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.



38.4403, 40.0934, 36.9829



36.6105, 40.0934, 49.5253



40.4500, 40.0934, 41.0109

Square

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



36.6105, 40.0934, 49.5253



40.1057, 40.0934, 48.1456



39.6449, 40.0934, 38.2677



36.1769, 40.0934, 39.4525

Rectangle

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



36.6105, 40.0934, 49.5253



38.6395, 40.0934, 50.9739



39.6449, 40.0934, 38.2677



37.5805, 40.0934, 37.0723

Sweetspot

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



36.6117, 40.0951, 49.5262



74.8625, 79.6295, 89.7190



36.3415, 42.5147, 40.3110



16.0341, 17.0894, 19.3758



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.6117, 40.0951, 49.5262



62.9159, 69.5216, 88.3976



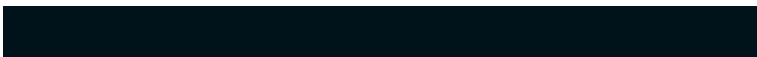
34.2125, 35.2966, 48.7265



8.5259, 9.1980, 10.8324



11.0787, 12.9579, 32.0542



0.3964, 0.5033, 1.0245

Inverse Universe

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



38.1554, 35.9529, 44.4657



66.2576, 60.7359, 77.4029



40.2487, 42.8759, 36.7271



8.7406, 8.6030, 10.1326



15.8267, 7.8482, 14.7792



0.5221, 0.2566, 0.5920

Previews

White Background



This preview shows how the XYZ color 36.6105, 40.0934, 49.5253 looks on a white background.

Color Contrast Check

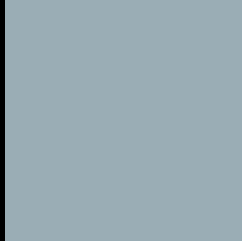
Large Text (above 18pt) WCAG AA × Fail

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 36.6105, 40.0934, 49.5253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

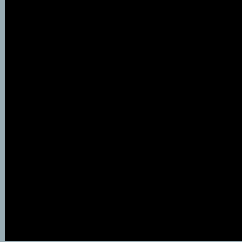
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

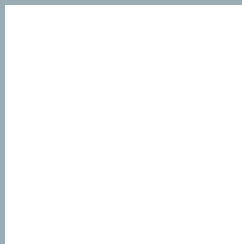
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.6105, 40.0934, 49.5253

Background



This preview shows how black text looks on a background with the XYZ color 36.6105, 40.0934, 49.5253.



This preview shows how white text looks on a background with the XYZ color 36.6105, 40.0934,

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

36.6105, 40.0934, 49.5253

Protanopia

38.8014, 40.1363, 47.8215

Deuteranopia

40.8248, 40.0325, 50.3751



Tritanopia

37.1330, 40.0188, 52.2217

Trichromacy



Original Color

36.6105, 40.0934, 49.5253

Protanomaly

37.8213, 39.8966, 48.3553

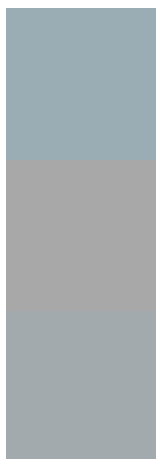
Deuteranomaly

39.2407, 40.0406, 49.9164

Tritanomaly

36.9218, 39.9343, 51.1095

Monochromacy



Original Color

36.6105, 40.0934, 49.5253

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.0218, 39.5531, 45.2184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6105, 40.0934, 49.5253 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, 173, 181)` looks like.

```
.text, #text, p{  
    color:rgb(154, 173, 181)  
}
```

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, 173, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 173, 181) }
```

Border

The CSS property to change the border of an element to XYZ 36.6105, 40.0934, 49.5253 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, 173, 181) }
```


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

```
.border{ border-color:rgb(154, 173, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 173, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 173, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 173, 181);  
box-shadow:4px 4px 4px 4px rgb(154, 173,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6105, 40.0934, 49.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 173, 181) }
```

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

```
.background{ background-color: rgb(154,  
173, 181) }
```

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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