

Converting Colors

XYZ(32.9381, 33.6418, 38.2828)

Have a look what the booklet for
XYZ(32.9381, 33.6418, 38.2828)
contains.

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Color

**XYZ(33.0547, 33.6973,
38.4803)**

Conversions

Conversions Part 1

Format	Color
Hex	A29BA1
RGB	162, 155, 161
RGB Percent	64%, 61%, 63%
CMY	0.3647, 0.3921, 0.3686
CMYK	0.00, 0.04, 0.01, 0.36
HSL	309°, 4%, 62%
HSV	309°, 4%, 64%
XYZ	33.0547, 33.6973, 38.4803
YIQ	157.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

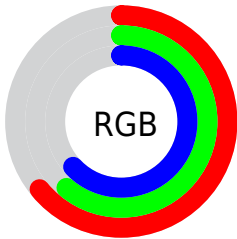
Format	Color
RYB	162, 155, 161
Decimal	10656673
CIELab	64.72, 3.68, -2.23
CIElCh	65, 4.300, 328.804
Yxy	33.6973, 0.3141, 0.3202
Android (android.graphics.Color)	4288846753 (0xFFA29BA1)
YUV	157.7770, 1.5889, 3.7036
Hunter-Lab	58.0494, 0.0558, 1.3319

Details

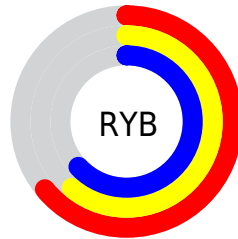
The XYZ color **33.0547, 33.6973, 38.4803** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4400, 35.2105, 36.5408**, and the grayscale version is **32.3915, 34.0784, 37.1114**.

A 20% lighter version of the original color is **63.8104, 65.3105, 74.2088**, and **14.1952, 14.3414, 16.7719** is the 20% darker color. If you saturate the color by 10%, you get **30.3355, 28.5823, 36.5762**, and if you desaturate by 10%, it is **36.1413, 39.5402, 40.5264**.

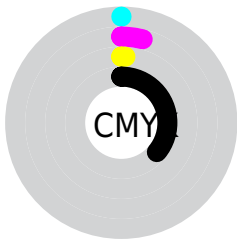
Distribution



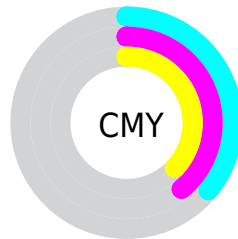
- Red (64%)
- Green (61%)
- Blue (63%)



- Red (64%)
- Yellow (61%)
- Blue (63%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (36%)



- Cyan (36%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0547, 33.6973, 38.4803 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 33.0547, 33.6973, 38.4803 by changing the saturation by 10% instead.

■ 33.0547, 33.6973,
38.4803

■ 33.0547, 33.6973,
38.4803

307.5568,
318.7802, 355.0356

■ 22.3278, 22.6612,
26.0510

■ 63.8150, 65.4627,
74.0553

■ 14.2159, 14.3435,
16.6357

■ 84.5792, 86.9607,
98.0380

■ 8.3537, 8.3600,
9.8159

109.4197,
112.7148, 126.7089

■ 4.3758, 4.3261,
5.1730

138.7021,
143.1093, 160.4866

■ 1.9169, 1.8576,
2.2886

172.7916,
178.5288, 199.7896

■ 0.5866, 0.5227,
0.7248

212.0537,

■ 0.0000, 0.0000,

219.3575, 245.0364

0.0000

256.8536,
265.9798, 296.6456

■ 33.0547, 33.6973,
38.4803

■ 33.0547, 33.6973,
38.4803

■ 30.3355, 28.5823,
36.5762

■ 36.1413, 39.5402,
40.5264

■ 27.9666, 24.1622,
34.8069

■ 39.6059, 46.1336,
42.7169

■ 25.9336, 20.4079,
33.1681

■ 43.4625, 53.5046,
45.0568

■ 24.2201, 17.2867,
31.6541

■ 47.7230, 61.6775,
47.5504

■ 22.8083, 14.7630,
30.2590

■ 52.3994, 70.6759,
50.2016

■ 21.6787, 12.7978,
28.9761

■ 57.5027, 80.5219,
53.0143

■ 20.8094, 11.3474,
27.7980

■ 58.6172, 82.3842,
54.5166

■ 20.1753, 10.3615,
26.7163

■ 58.8504, 82.4775,
55.7445

■ 19.7460, 9.7795,
25.7207

■ 59.0875, 82.5723,
56.9931

Harmonies

Analogous

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



32.6038, 33.6973, 39.7518



33.0547, 33.6973, 38.4803



33.2301, 33.6973, 36.7617

Triad

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



33.0547, 33.6973, 38.4803



32.0531, 33.6973, 33.3948



30.9991, 33.6973, 38.3535

Complementary

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



33.0547, 33.6973, 38.4803



32.4400, 35.2105, 36.5408

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.



30.8558, 33.6973, 36.6197



33.0547, 33.6973, 38.4803



31.4596, 33.6973, 33.7908

Square

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



33.0547, 33.6973, 38.4803



32.6472, 33.6973, 33.8581



31.0233, 33.6973, 34.9573



31.4172, 33.6973, 39.6769

Rectangle

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



33.0547, 33.6973, 38.4803



33.1654, 33.6973, 35.6054



31.0233, 33.6973, 34.9573



30.9174, 33.6973, 37.7977

Sweetspot

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



33.0557, 33.6988, 38.4810



61.7837, 64.5288, 71.0556



31.9418, 33.1143, 38.8912



13.8835, 14.5065, 15.9636



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



33.0557, 33.6988, 38.4810



59.6030, 60.4099, 69.5815



32.7571, 33.5793, 36.9088



7.5597, 7.6350, 8.8402



15.4134, 7.5214, 19.8996



0.3350, 0.1625, 0.4769

Inverse Universe

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



33.0557, 33.6988, 38.4810



59.6030, 60.4099, 69.5815



32.7348, 35.3284, 38.0932



7.5597, 7.6350, 8.8402



15.4134, 7.5214, 19.8996



0.3350, 0.1625, 0.4769

Previews

White Background



This preview shows how the XYZ color 33.0547, 33.6973, 38.4803 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 33.0547, 33.6973, 38.4803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

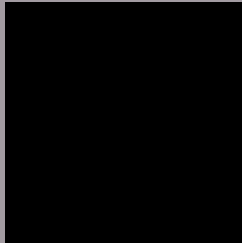
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0547, 33.6973, 38.4803

Background



This preview shows how black text looks on a background with the XYZ color 33.0547, 33.6973, 38.4803.



This preview shows how white text looks on a background with the XYZ color 33.0547, 33.6973,

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

33.0547, 33.6973, 38.4803

Protanopia

32.5106, 33.6547, 38.9649

Deuteranopia

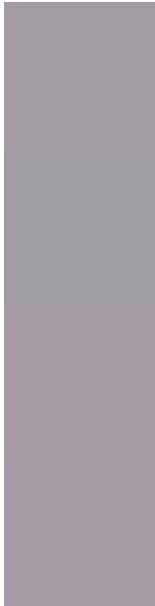
34.3274, 33.6112, 38.8608



Tritanopia

33.5428, 33.6509, 40.8038

Trichromacy



Original Color

33.0547, 33.6973, 38.4803

Protanomaly

32.7081, 33.7565, 38.9742

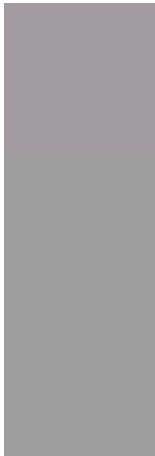
Deuteranomaly

33.8492, 33.6066, 38.8851

Tritanomaly

33.3607, 33.5781, 39.8449

Monochromacy



Original Color

33.0547, 33.6973, 38.4803

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.6131, 33.9881, 37.6423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0547, 33.6973, 38.4803 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(162, 155, 161)` looks like.

```
.text, #text, p{  
    color:rgb(162, 155, 161)  
}
```

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(162, 155, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 155, 161) }
```

Border

The CSS property to change the border of an element to XYZ 33.0547, 33.6973, 38.4803 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(162, 155, 161) }
```


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

```
.border{ border-color:rgb(162, 155, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 155, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 155, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 155, 161);  
box-shadow:4px 4px 4px 4px rgb(162, 155,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0547, 33.6973, 38.4803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 155, 161) }
```

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

```
.background{ background-color: rgb(162,  
155, 161) }
```

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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