

Converting Colors

XYZ(34.6548, 36.9909, 49.0300)

Have a look what the booklet for
XYZ(34.6548, 36.9909, 49.0300)
contains.

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Color

**XYZ(34.5581, 36.8258,
49.0027)**

Conversions

Conversions Part 1

Format	Color
Hex	97A5B5
RGB	151, 165, 181
RGB Percent	59%, 65%, 71%
CMY	0.4078, 0.3529, 0.2902
CMYK	0.17, 0.09, 0.00, 0.29
HSL	212°, 17%, 65%
HSV	212°, 17%, 71%
XYZ	34.5581, 36.8258, 49.0027
YIQ	162.6380, -13.4800, 2.0080

Conversions

Conversions Part 2

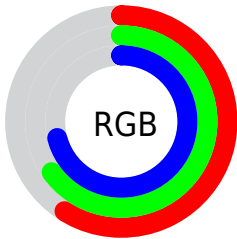
Format	Color
RYB	151, 161, 181
Decimal	9938357
CIELab	67.15, -1.52, -9.91
CIElCh	67, 10.028, 261.277
Yxy	36.8258, 0.2871, 0.3059
Android (android.graphics.Color)	4288128437 (0xFF97A5B5)
YUV	162.6380, 9.0525, -10.2065
Hunter-Lab	60.6843, -4.5464, -5.3978

Details

The XYZ color **34.5581, 36.8258, 49.0027** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4608, 39.6953, 34.9137**, and the grayscale version is **34.6063, 36.4085, 39.6489**.

A 20% lighter version of the original color is **66.0561, 70.2800, 90.2046**, and **15.0569, 16.0781, 22.7319** is the 20% darker color. If you saturate the color by 10%, you get **29.7779, 31.8747, 48.2996**, and if you desaturate by 10%, it is **39.9876, 42.3086, 49.7754**.

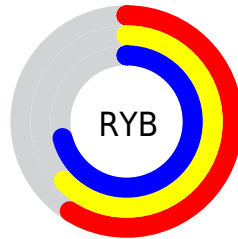
Distribution



Red (59%)

Green (65%)

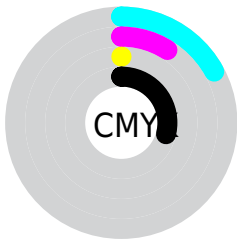
Blue (71%)



Red (59%)

Yellow (63%)

Blue (71%)

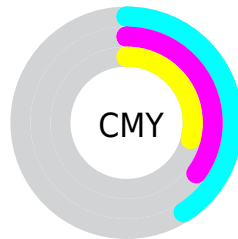


Cyan (17%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (41%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5581, 36.8258, 49.0027 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 34.5581, 36.8258, 49.0027 by changing the saturation by 10% instead.

■ 34.5581, 36.8258,
49.0027

■ 34.5581, 36.8258,
49.0027

314.1558,
332.5557, 399.3757

■ 23.4876, 25.0726,
34.2560

■ 66.1392, 70.3048,
90.0765

■ 15.0766, 16.1312,
22.8114

■ 87.3804, 92.7994,
117.2407

■ 8.9598, 9.6170,
14.2503

112.7427,
119.6433, 149.3811

■ 4.7719, 5.1458,
8.1542

142.5912,
151.2209, 186.9163

■ 2.1474, 2.3331,
4.1046

177.2915,
187.9165, 230.2648

■ 0.7148, 0.7911,
1.6829

217.2087,

■ 0.0000, 0.0000,

230.1146, 279.8452

0.3490

262.7084,
278.1995, 336.0760

■ 0.0000, 0.0000,
0.0000

■ 34.5581, 36.8258,
49.0027

■ 34.5581, 36.8258,
49.0027

■ 29.7779, 31.8747,
48.2996

■ 39.9876, 42.3086,
49.7754

■ 25.6174, 27.4330,
47.6615

■ 46.0880, 48.3354,
50.6172

■ 22.0495, 23.4831,
47.0872

■ 52.8836, 54.9239,
51.5307

■ 19.0436, 20.0047,
46.5742

■ 60.3967, 62.0894,
52.5178

■ 16.5660, 16.9756,
46.1201

■ 68.6484, 69.8466,
53.5802

■ 14.5792, 14.3716,
45.7222

■ 75.9456, 77.3263,
54.6393

■ 13.0400, 12.1651,
45.3774

■ 78.5971, 82.6293,
55.5231

■ 11.8906, 10.3210,
45.0821

■ 81.3980, 88.2310,
56.4568

■ 11.5484, 9.7519,
44.9902

■ 84.3505, 94.1361,
57.4409

Harmonies

Analogous

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



33.1958, 36.8258, 47.0268



34.5581, 36.8258, 49.0027



36.0789, 36.8258, 48.4604

Triad

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



34.5581, 36.8258, 49.0027



37.8117, 36.8258, 37.1204



32.7592, 36.8258, 35.0602

Complementary

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



34.5581, 36.8258, 49.0027



38.4608, 39.6953, 34.9137

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.



33.9464, 36.8258, 32.7559



34.5581, 36.8258, 49.0027



36.8722, 36.8258, 33.8839

Square

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



34.5581, 36.8258, 49.0027



37.9870, 36.8258, 41.3868



35.4493, 36.8258, 32.3415



32.1772, 36.8258, 38.8343

Rectangle

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



34.5581, 36.8258, 49.0027



36.9761, 36.8258, 46.7592



35.4493, 36.8258, 32.3415



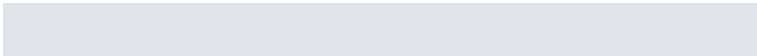
33.0991, 36.8258, 34.0998

Sweetspot

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



34.5592, 36.8273, 49.0035



73.1674, 77.3192, 89.3624



36.2159, 42.3992, 42.5931



15.6580, 16.5559, 19.2926



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.



34.5592, 36.8273, 49.0035



58.5409, 62.5118, 87.2752



32.2633, 32.0974, 48.2116



8.3580, 8.8622, 10.7764



8.0293, 6.8590, 31.0377



0.3112, 0.3329, 0.9961

Inverse Universe

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



36.9150, 34.6744, 40.3463



63.6245, 58.0562, 68.5512



41.0494, 45.0461, 35.8101



8.6559, 8.5691, 9.6864



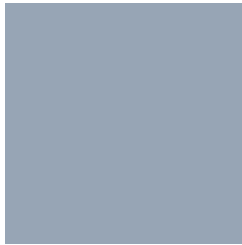
14.2875, 7.2326, 6.6738



0.4791, 0.2394, 0.3656

Previews

White Background



This preview shows how the XYZ color 34.5581, 36.8258, 49.0027 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 34.5581, 36.8258, 49.0027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

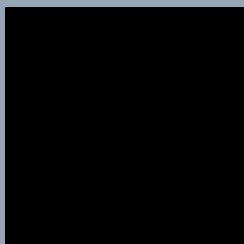
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

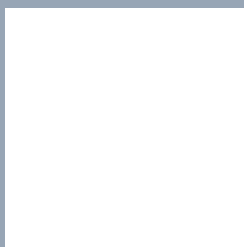
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5581, 36.8258, 49.0027

Background



This preview shows how black text looks on a background with the XYZ color 34.5581, 36.8258, 49.0027.



This preview shows how white text looks on a background with the XYZ color 34.5581, 36.8258,

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

34.5581, 36.8258, 49.0027

Protanopia

35.7550, 36.6724, 47.8418

Deuteranopia

37.4192, 36.7197, 49.3714



Tritanopia

34.3543, 36.7442, 47.9295

Trichromacy



Original Color

34.5581, 36.8258, 49.0027

Protanomaly

35.2400, 36.6578, 48.3983

Deuteranomaly

36.2926, 36.6537, 49.4180

Tritanomaly

34.4559, 36.7849, 48.4642

Monochromacy



Original Color

34.5581, 36.8258, 49.0027

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8292, 36.8241, 43.3023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5581, 36.8258, 49.0027 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(151, 165, 181)` looks like.

```
.text, #text, p{  
    color:rgb(151, 165, 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(151, 165, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 165, 181) }
```

Border

The CSS property to change the border of an element to XYZ 34.5581, 36.8258, 49.0027 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(151, 165, 181) }
```


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

```
.border{ border-color:rgb(151, 165, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 165, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 165, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 165, 181);  
box-shadow:4px 4px 4px 4px rgb(151, 165,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5581, 36.8258, 49.0027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 165, 181) }
```

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

```
.background{ background-color: rgb(151,  
165, 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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