

Converting Colors

XYZ(36.5451, 37.4174, 45.5895)

Have a look what the booklet for
XYZ(36.5451, 37.4174, 45.5895)
contains.

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Color

**XYZ(36.4631, 37.3574,
45.3333)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A3AE
RGB	166, 163, 174
RGB Percent	65%, 64%, 68%
CMY	0.3490, 0.3608, 0.3176
CMYK	0.05, 0.06, 0.00, 0.32
HSL	256°, 6%, 66%
HSV	256°, 6%, 68%
XYZ	36.4631, 37.3574, 45.3333
YIQ	165.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

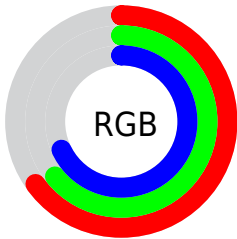
Format	Color
RYB	166, 163, 174
Decimal	10920878
CIELab	67.54, 3.20, -5.30
CIELCh	68, 6.193, 301.147
Yxy	37.3574, 0.3060, 0.3135
Android (android.graphics.Color)	4289110958 (0xFFA6A3AE)
YUV	165.1510, 4.3626, 0.7446
Hunter-Lab	61.1207, -0.4725, -1.1910

Details

The XYZ color **36.4631, 37.3574, 45.3333** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.5429, 41.5754, 40.6456**, and the grayscale version is **35.8179, 37.6832, 41.0370**.

A 20% lighter version of the original color is **69.0331, 71.1721, 84.2279**, and **16.1367, 16.3514, 20.7180** is the 20% darker color. If you saturate the color by 10%, you get **31.0599, 30.2977, 44.2560**, and if you desaturate by 10%, it is **42.5547, 45.4051, 46.5662**.

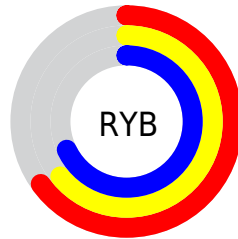
Distribution



Red (65%)

Green (64%)

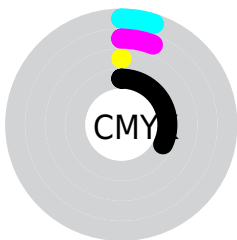
Blue (68%)



Red (65%)

Yellow (64%)

Blue (68%)

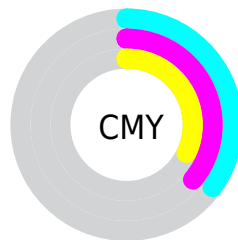


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4631, 37.3574, 45.3333 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 36.4631, 37.3574, 45.3333 by changing the saturation by 10% instead.

■ 36.4631, 37.3574,
45.3333

■ 36.4631, 37.3574,
45.3333

322.3762,
334.8553, 384.3212

■ 24.9638, 25.4843,
31.3752

■ 69.0655, 71.1221,
84.5441

■ 16.1787, 16.4383,
20.6238

■ 90.8993, 93.7826,
110.6338

■ 9.7423, 9.8348,
12.6608

116.9086,
120.8076, 141.6045

■ 5.2894, 5.2896,
7.0674

147.4589,
152.5816, 177.8747

■ 2.4545, 2.4181,
3.4252

182.9154,
189.4890, 219.8629

■ 0.8724, 0.8352,
1.3156

223.6436,

■ 0.0000, 0.0000,

231.9141, 267.9877

0.0745

270.0087,
280.2414, 322.6676

■ 0.0000, 0.0000,
0.0000

■ 36.4631, 37.3574,
45.3333

■ 36.4631, 37.3574,
45.3333

■ 31.0599, 30.2977,
44.2560

■ 42.5547, 45.4051,
46.5662

■ 26.3172, 24.1829,
43.3257

■ 49.3549, 54.4722,
47.9579

■ 22.2096, 18.9736,
42.5367

■ 56.8872, 64.5947,
49.5147

■ 18.7092, 14.6259,
41.8820

■ 65.1729, 75.8054,
51.2419

■ 15.7856, 11.0921,
41.3540

■ 74.2324, 88.1356,
53.1444

■ 13.4057, 8.3199,
40.9443

■ 79.9995, 93.4437,
53.8650

■ 11.5330, 6.2505,
40.6436

■ 84.4943, 95.7609,
54.0754

■ 10.1256, 4.8163,
40.4409

■ 84.6401, 95.8360,
54.0822

■ 9.1301, 3.9273,
40.3218

Harmonies

Analogous

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



35.5438, 37.3574, 46.1501



36.4631, 37.3574, 45.3333



37.1359, 37.3574, 43.2605

Triad

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



36.4631, 37.3574, 45.3333



36.3985, 37.3574, 36.2515



33.7068, 37.3574, 40.7810

Complementary

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



36.4631, 37.3574, 45.3333



38.5429, 41.5754, 40.6456

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.



33.9266, 37.3574, 38.1963



36.4631, 37.3574, 45.3333



35.4704, 37.3574, 35.6526

Square

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



36.4631, 37.3574, 45.3333



37.0981, 37.3574, 38.0220



34.5679, 37.3574, 36.3489



33.9622, 37.3574, 43.4504

Rectangle

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



36.4631, 37.3574, 45.3333



37.3481, 37.3574, 41.4886



34.5679, 37.3574, 36.3489



33.7276, 37.3574, 39.8738

Sweetspot

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



36.4642, 37.3590, 45.3341



70.7203, 73.7956, 83.1535



37.3210, 39.9947, 45.7977



15.7451, 16.4371, 18.4872



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.4642, 37.3590, 45.3341



64.2647, 65.3007, 81.8540



37.6275, 37.9587, 45.3886



7.7761, 7.8589, 10.0598



6.4561, 2.6881, 29.2231



0.2325, 0.1020, 0.8154

Inverse Universe

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



37.9048, 38.1350, 43.8929



67.5977, 67.0967, 78.4963



37.3834, 40.9776, 40.5914



8.2425, 8.1103, 9.5879



15.4448, 7.6405, 15.2539



0.4510, 0.2211, 0.5368

Previews

White Background



This preview shows how the XYZ color 36.4631, 37.3574, 45.3333 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 36.4631, 37.3574, 45.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

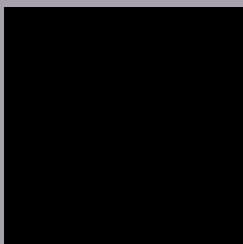
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

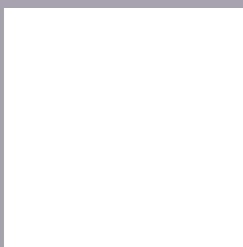
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4631, 37.3574, 45.3333

Background



This preview shows how black text looks on a background with the XYZ color 36.4631, 37.3574, 45.3333.



This preview shows how white text looks on a background with the XYZ color 36.4631, 37.3574,

45.3333.

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

36.4631, 37.3574, 45.3333

Protanopia

36.2542, 37.2497, 45.3235

Deuteranopia

38.2132, 37.4669, 45.7752



Tritanopia

36.6596, 37.4360, 46.3680

Trichromacy



Original Color

36.4631, 37.3574, 45.3333

Protanomaly

36.2542, 37.2497, 45.3235

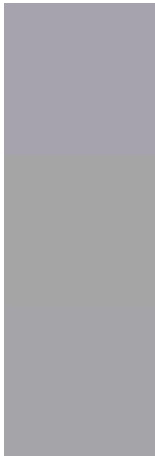
Deuteranomaly

37.4960, 37.3555, 45.7915

Tritanomaly

36.5609, 37.3965, 45.8487

Monochromacy



Original Color

36.4631, 37.3574, 45.3333

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8604, 37.3774, 42.3703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4631, 37.3574, 45.3333 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(166, 163, 174)` looks like.

```
.text, #text, p{  
    color:rgb(166, 163, 174)  
}
```

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(166, 163, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 163, 174) }
```

Border

The CSS property to change the border of an element to XYZ 36.4631, 37.3574, 45.3333 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(166, 163, 174) }
```


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

```
.border{ border-color:rgb(166, 163, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 163, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 163, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 163, 174);  
box-shadow:4px 4px 4px 4px rgb(166, 163,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4631, 37.3574, 45.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 163, 174) }
```

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

```
.background{ background-color: rgb(166,  
163, 174) }
```

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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