

Converting Colors

XYZ(36.4140, 37.5276, 48.5043)

Have a look what the booklet for
XYZ(36.4140, 37.5276, 48.5043)
contains.

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Color

**XYZ(36.4140, 37.5276,
48.5043)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A4B4
RGB	162, 164, 180
RGB Percent	64%, 64%, 71%
CMY	0.3647, 0.3568, 0.2941
CMYK	0.10, 0.09, 0.00, 0.29
HSL	233°, 11%, 67%
HSV	233°, 10%, 71%
XYZ	36.4140, 37.5276, 48.5043
YIQ	165.2260, -6.3280, 4.5520

Conversions

Conversions Part 2

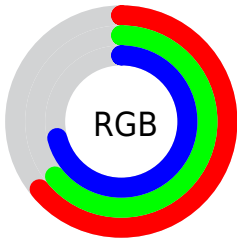
Format	Color
RYB	162, 164, 180
Decimal	10658996
CIELab	67.67, 2.49, -8.49
CIELCh	68, 8.845, 286.379
Yxy	37.5276, 0.2974, 0.3065
Android (android.graphics.Color)	4288849076 (0xFFA2A4B4)
YUV	165.2260, 7.2836, -2.8292
Hunter-Lab	61.2598, -1.1007, -4.0628

Details

The XYZ color **36.4140, 37.5276, 48.5043** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2646, 44.1525, 40.5306**, and the grayscale version is **35.8419, 37.7084, 41.0645**.

A 20% lighter version of the original color is **69.0871, 71.4709, 89.5109**, and **16.0553, 16.4356, 22.4049** is the 20% darker color. If you saturate the color by 10%, you get **30.3310, 30.4064, 47.4510**, and if you desaturate by 10%, it is **43.3828, 45.6421, 49.7038**.

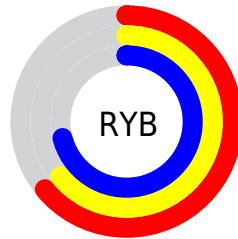
Distribution



Red (64%)

Green (64%)

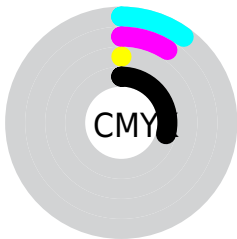
Blue (71%)



Red (64%)

Yellow (64%)

Blue (71%)

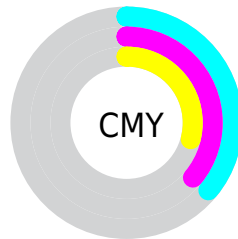


Cyan (10%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (36%)

Magenta (36%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4140, 37.5276, 48.5043 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 36.4140, 37.5276, 48.5043 by changing the saturation by 10% instead.

■ 36.4140, 37.5276,
48.5043

■ 36.4140, 37.5276,
48.5043

322.1662,
335.5891, 397.3538

■ 24.9257, 25.6163,
33.8636

■ 68.9903, 71.3835,
89.3281

■ 16.1501, 16.5368,
22.5123

■ 90.8090, 94.0968,
116.3483

■ 9.7220, 9.9048,
14.0319

116.8018,
121.1796, 148.3321

■ 5.2759, 5.3359,
8.0039

147.3342,
153.0162, 185.6981

■ 2.4464, 2.4456,
4.0096

182.7715,
189.9911, 228.8647

■ 0.8683, 0.8492,
1.6306

223.4790,

■ 0.0000, 0.0000,

232.4886, 278.2504

0.3125

269.8222,
280.8932, 334.2740

■ 0.0000, 0.0000,
0.0000

■ 36.4140, 37.5276,
48.5043

■ 36.4140, 37.5276,
48.5043

■ 30.3310, 30.4064,
47.4510

■ 43.3828, 45.6421,
49.7038

■ 25.0951, 24.2357,
46.5359

■ 51.2674, 54.7811,
51.0523

■ 20.6694, 18.9766,
45.7540

■ 60.1007, 64.9804,
52.5554

■ 17.0132, 14.5857,
45.0992

■ 69.9129, 76.2725,
54.2178

■ 14.0823, 11.0159,
44.5646

■ 80.7328, 88.6887,
56.0441

■ 11.8278, 8.2158,
44.1430

■ 85.2383, 96.0753,
57.2324

■ 10.1947, 6.1280,
43.8261

■ 9.1193, 4.6869,
43.6046

■ 8.4889, 3.7964,
43.4659

Harmonies

Analogous

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



35.0544, 37.5276, 48.6093



36.4140, 37.5276, 48.5043



37.6025, 37.5276, 46.2685

Triad

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



36.4140, 37.5276, 48.5043



37.5101, 37.5276, 35.6584



33.1787, 37.5276, 39.1167

Complementary

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



36.4140, 37.5276, 48.5043



41.2646, 44.1525, 40.5306

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.



33.8026, 37.5276, 35.8925



36.4140, 37.5276, 48.5043



36.2904, 37.5276, 33.9835

Square

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



36.4140, 37.5276, 48.5043



38.2463, 37.5276, 38.7783



34.9340, 37.5276, 34.0664



33.2099, 37.5276, 43.0174

Rectangle

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



36.4140, 37.5276, 48.5043



38.1277, 37.5276, 43.9472



34.9340, 37.5276, 34.0664



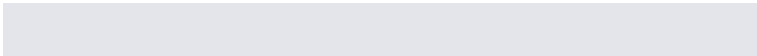
33.3181, 37.5276, 37.9231

Sweetspot

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



36.4151, 37.5292, 48.5051



74.6321, 78.0742, 89.4309



39.2481, 43.5349, 48.4019



15.9079, 16.6154, 19.2909



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.



36.4151, 37.5292, 48.5051



63.4587, 65.0468, 87.5053



37.5000, 37.5607, 48.4540



8.1156, 8.3773, 10.6956



5.9505, 2.7014, 30.3448



0.2117, 0.1339, 0.9629

Inverse Universe

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



38.4444, 38.2252, 40.4757



67.8888, 66.5850, 69.9724



40.0992, 44.1474, 40.5911



8.5335, 8.5201, 9.0420



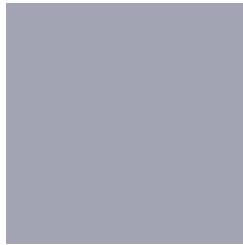
13.2382, 6.8128, 1.1483



0.4289, 0.2193, 0.1012

Previews

White Background



This preview shows how the XYZ color 36.4140, 37.5276, 48.5043 looks on a white background.

Color Contrast Check

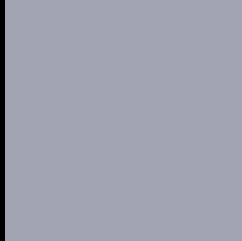
Large Text (above 18pt) WCAG AA × Fail

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 36.4140, 37.5276, 48.5043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

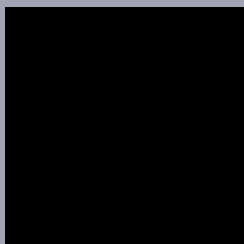
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

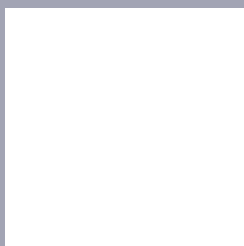
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4140, 37.5276, 48.5043

Background



This preview shows how black text looks on a background with the XYZ color 36.4140, 37.5276, 48.5043.



This preview shows how white text looks on a background with the XYZ color 36.4140, 37.5276,

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

36.4140, 37.5276, 48.5043

Protanopia

36.6179, 37.6327, 48.5139

Deuteranopia

38.1449, 37.3620, 48.9172



Tritanopia

36.1116, 37.4066, 46.9119

Trichromacy



Original Color

36.4140, 37.5276, 48.5043

Protanomaly

36.6179, 37.6327, 48.5139

Deuteranomaly

37.4475, 37.2610, 48.9344

Tritanomaly

36.2116, 37.4467, 47.4388

Monochromacy



Original Color

36.4140, 37.5276, 48.5043

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.0207, 37.7051, 43.4095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4140, 37.5276, 48.5043 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, 164, 180)` looks like.

```
.text, #text, p{  
    color:rgb(162, 164, 180)  
}
```

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, 164, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 164, 180) }
```

Border

The CSS property to change the border of an element to XYZ 36.4140, 37.5276, 48.5043 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, 164, 180) }
```


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

```
.border{ border-color:rgb(162, 164, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 164, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 164, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 164, 180);  
box-shadow:4px 4px 4px 4px rgb(162, 164,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4140, 37.5276, 48.5043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 164, 180) }
```

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

```
.background{ background-color: rgb(162,  
164, 180) }
```

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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