

Converting Colors

XYZ(36.3946, 41.1441, 43.6270)

Have a look what the booklet for
XYZ(36.3946, 41.1441, 43.6270)
contains.

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Color

**XYZ(36.4011, 41.2774,
43.5849)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB1A9
RGB	155, 177, 169
RGB Percent	61%, 69%, 66%
CMY	0.3922, 0.3059, 0.3372
CMYK	0.12, 0.00, 0.05, 0.31
HSL	158°, 12%, 65%
HSV	158°, 12%, 69%
XYZ	36.4011, 41.2774, 43.5849
YIQ	169.5100, -10.5440, -7.1520

Conversions

Conversions Part 2

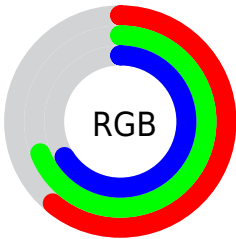
Format	Color
R _Y B	155, 168, 177
Decimal	10203561
CIE Lab	70.37, -9.18, 1.52
CIE LCh	70, 9.306, 170.621
Yxy	41.2774, 0.3002, 0.3404
Android (android.graphics.Color)	4288393641 (0xFF9BB1A9)
YUV	169.5100, -0.2514, -12.7253
Hunter-Lab	64.2475, -11.2993, 4.7515

Details

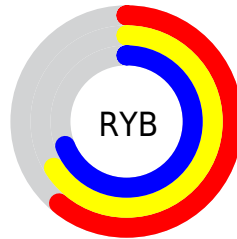
The XYZ color **36.4011, 41.2774, 43.5849** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4651, 35.4351, 39.5699**, and the grayscale version is **37.9706, 39.9481, 43.5034**.

A 20% lighter version of the original color is **69.1718, 77.3613, 81.8075**, and **16.1275, 18.6427, 19.5780** is the 20% darker color. If you saturate the color by 10%, you get **32.6606, 39.4184, 40.3327**, and if you desaturate by 10%, it is **40.6716, 43.4085, 47.0190**.

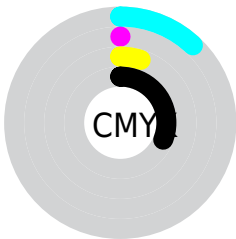
Distribution



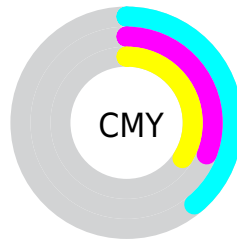
- Red (61%)
- Green (69%)
- Blue (66%)



- Red (61%)
- Yellow (66%)
- Blue (69%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (39%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4011, 41.2774, 43.5849 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 36.4011, 41.2774, 43.5849 by changing the saturation by 10% instead.

■ 36.4011, 41.2774,
43.5849

■ 36.4011, 41.2774,
43.5849

322.1110,
351.4787, 377.0033

■ 24.9157, 28.5359,
30.0095

■ 68.9705, 77.1048,
81.8886

■ 16.1426, 18.7300,
19.5937

■ 90.7853, 100.9595,
107.4539

■ 9.7166, 11.4754,
11.9189

116.7738,
129.2874, 137.8530

■ 5.2723, 6.3875,
6.5666

147.3015,
162.4729, 173.5043

■ 2.4443, 3.0821,
3.1183

182.7337,
200.9004, 214.8265

■ 0.8673, 1.1748,
1.1553

223.4358,

■ 0.0000, 0.0409,

244.9543, 262.2380

0.0000

269.7731,
295.0189, 316.1575

■ 0.0000, 0.0000,
0.0000

■ 36.4011, 41.2774,
43.5849

■ 36.4011, 41.2774,
43.5849

■ 32.6606, 39.4184,
40.3327

■ 40.6716, 43.4085,
47.0190

■ 29.4247, 37.8150,
37.2565

■ 45.4895, 45.8171,
50.6354

■ 26.6710, 36.4567,
34.3537

■ 50.8752, 48.5150,
54.4380

■ 24.3739, 35.3306,
31.6208

■ 56.8475, 51.5117,
58.4298

■ 22.5054, 34.4223,
29.0543

■ 63.4240, 54.8162,
62.6137

■ 21.0343, 33.7156,
26.6502

■ 68.3024, 57.2416,
66.8838

■ 19.9250, 33.1923,
24.4043

■ 69.1090, 57.5643,
71.1312

■ 19.1351, 32.8306,
22.3121

■ 69.9481, 57.8999,
75.5497

■ 18.6825, 32.6297,
20.8260

■ 70.8200, 58.2487,
80.1414

Harmonies

Analogous

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



37.0024, 41.2774, 39.8073



36.4011, 41.2774, 43.5849



36.5432, 41.2774, 47.9775

Triad

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



36.4011, 41.2774, 43.5849



40.2783, 41.2774, 53.3006



41.1293, 41.2774, 38.7405

Complementary

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



36.4011, 41.2774, 43.5849



36.4651, 35.4351, 39.5699

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.



42.0515, 41.2774, 42.0413



36.4011, 41.2774, 43.5849



41.5514, 41.2774, 50.5047

Square

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



36.4011, 41.2774, 43.5849



38.7554, 41.2774, 53.7807



42.2079, 41.2774, 46.3312



39.7143, 41.2774, 37.1326

Rectangle

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



36.4011, 41.2774, 43.5849



37.0418, 41.2774, 50.6562



42.2079, 41.2774, 46.3312



41.5088, 41.2774, 39.6784

Sweetspot

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



36.4023, 41.2791, 43.5858



71.5196, 77.0812, 83.1762



36.7578, 41.6062, 37.1043



15.3722, 16.6412, 17.9254



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.



36.4023, 41.2791, 43.5858



63.2046, 72.9365, 76.3784



36.6036, 40.4424, 47.4740



8.6089, 9.5780, 10.1999



13.5654, 23.6521, 15.2459



0.4536, 0.7549, 0.6209

Inverse Universe

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



36.4651, 35.4351, 39.5699



63.3403, 60.3384, 67.7222



36.2646, 36.1457, 36.0763



8.6199, 8.5547, 9.4966



13.8421, 7.0544, 4.3285



0.4642, 0.2334, 0.2869

Previews

White Background



This preview shows how the XYZ color 36.4011, 41.2774, 43.5849 looks on a white background.

Color Contrast Check

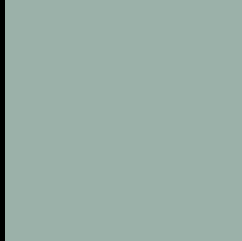
Large Text (above 18pt) WCAG AA × Fail

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 36.4011, 41.2774, 43.5849 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

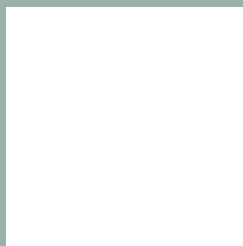
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4011, 41.2774, 43.5849

Background



This preview shows how black text looks on a background with the XYZ color 36.4011, 41.2774, 43.5849.



This preview shows how white text looks on a background with the XYZ color 36.4011, 41.2774,

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

36.4011, 41.2774, 43.5849

Protanopia

39.3503, 41.1091, 41.9373

Deuteranopia

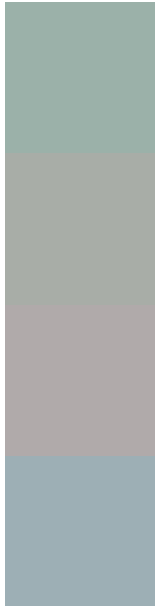
41.7259, 40.9041, 44.2242



Tritanopia

38.3137, 41.1720, 53.5046

Trichromacy



Original Color

36.4011, 41.2774, 43.5849

Protanomaly

38.0671, 41.0020, 42.4670

Deuteranomaly

39.5349, 40.8818, 43.8375

Tritanomaly

37.5751, 41.1642, 49.6811

Monochromacy



Original Color

36.4011, 41.2774, 43.5849

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.7163, 40.7888, 43.9154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4011, 41.2774, 43.5849 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(155, 177, 169)` looks like.

```
.text, #text, p{  
    color:rgb(155, 177, 169)  
}
```

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(155, 177, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 177, 169) }
```

Border

The CSS property to change the border of an element to XYZ 36.4011, 41.2774, 43.5849 is called "border". The border property can be set on classes, ids or directly on the HTML element.

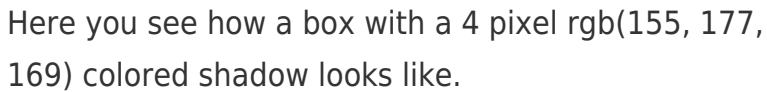
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 177, 169) }
```


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

```
.border{ border-color:rgb(155, 177, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 177, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 177, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 177, 169);  
box-shadow:4px 4px 4px 4px rgb(155, 177,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4011, 41.2774, 43.5849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 177, 169) }
```

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

```
.background{ background-color: rgb(155,  
177, 169) }
```

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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