

Converting Colors

XYZ(36.7093, 41.7282, 39.5201)

Have a look what the booklet for
XYZ(36.7093, 41.7282, 39.5201)
contains.

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Color

**XYZ(36.7628, 41.8524,
39.3984)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B2A0
RGB	160, 178, 160
RGB Percent	63%, 70%, 63%
CMY	0.3725, 0.3019, 0.3725
CMYK	0.10, 0.00, 0.10, 0.30
HSL	120°, 10%, 66%
HSV	120°, 10%, 70%
XYZ	36.7628, 41.8524, 39.3984
YIQ	170.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

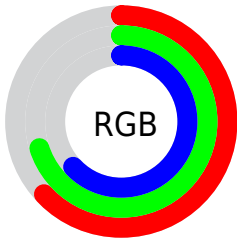
Format	Color
RYB	160, 178, 178
Decimal	10531488
CIELab	70.77, -9.70, 7.08
CIELCh	71, 12.014, 143.870
Yxy	41.8524, 0.3115, 0.3546
Android (android.graphics.Color)	4288721568 (0xFFA0B2A0)
YUV	170.5660, -5.2090, -9.2664
Hunter-Lab	64.6934, -11.7788, 9.1777

Details

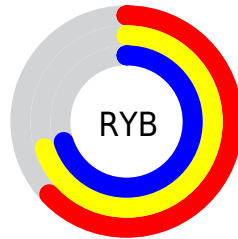
The XYZ color **36.7628, 41.8524, 39.3984** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9683, 37.8220, 47.3681**, and the grayscale version is **38.5191, 40.5251, 44.1318**.

A 20% lighter version of the original color is **69.7129, 78.1990, 75.7096**, and **16.2783, 18.9595, 17.2696** is the 20% darker color. If you saturate the color by 10%, you get **32.0087, 39.5700, 31.6211**, and if you desaturate by 10%, it is **42.2518, 44.4903, 48.3758**.

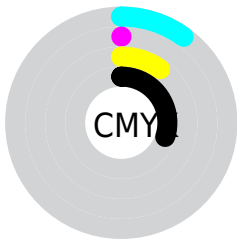
Distribution



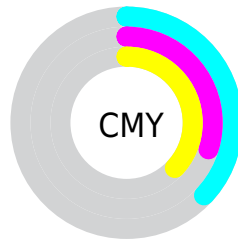
- Red (63%)
- Green (70%)
- Blue (63%)



- Red (63%)
- Yellow (70%)
- Blue (70%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (30%)



- Cyan (37%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7628, 41.8524, 39.3984 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 36.7628, 41.8524, 39.3984 by changing the saturation by 10% instead.

■ 36.7628, 41.8524,
39.3984

■ 36.7628, 41.8524,
39.3984

323.6558,
353.8707, 359.0578

■ 25.1967, 28.9857,
26.7596

■ 69.5240, 77.9762,
75.4736

■ 16.3532, 19.0700,
17.1619

■ 91.4499, 102.0021,
99.7470

■ 9.8669, 11.7209,
10.1868

117.5597,
130.5166, 128.7358

■ 5.3724, 6.5539,
5.4158

148.2189,
163.9039, 162.8583

■ 2.5043, 3.1847,
2.4302

183.7927,
202.5487, 202.5333

■ 0.8974, 1.2289,
0.8028

224.6466,

■ 0.0000, 0.0851,

246.8351, 248.1791

0.0000

271.1458,
297.1476, 300.2145

0.0000, 0.0000,
0.0000

36.7628, 41.8524,
39.3984

36.7628, 41.8524,
39.3984

32.0087, 39.5700,
31.6211

42.2518, 44.4903,
48.3758

27.9549, 37.6228,
24.9904

48.5013, 47.4922,
58.5980

24.5695, 35.9966,
19.4530

55.5400, 50.8733,
70.1112

21.8166, 34.6742,
14.9501

63.3940, 54.6460,
82.9581

19.6570, 33.6369,
11.4177

72.0885, 58.8223,
97.1796

■ 18.0471, 32.8635,
8.7843

■ 75.2112, 60.3223,
102.2871

■ 16.9373, 32.3304,
6.9690

■ 16.2691, 32.0095,
5.8762

■ 15.9212, 31.8424,
5.3071

Harmonies

Analogous

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



38.2482, 41.8524, 36.2495



36.7628, 41.8524, 39.3984



36.0883, 41.8524, 44.4078

Triad

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



36.7628, 41.8524, 39.3984



39.3715, 41.8524, 57.3812



43.3891, 41.8524, 41.2702

Complementary

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



36.7628, 41.8524, 39.3984



38.9683, 37.8220, 47.3681

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.



43.7141, 41.8524, 46.7526



36.7628, 41.8524, 39.3984



41.3510, 41.8524, 56.3655

Square

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



36.7628, 41.8524, 39.3984



37.5617, 41.8524, 55.0253



42.9568, 41.8524, 52.3550



42.0829, 41.8524, 37.2653

Rectangle

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



36.7628, 41.8524, 39.3984



36.1725, 41.8524, 48.2530



42.9568, 41.8524, 52.3550



43.6185, 41.8524, 42.9886

Sweetspot

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



36.7640, 41.8542, 39.3993



73.5523, 79.2042, 82.7088



40.5678, 43.7266, 39.5602



16.1146, 17.4608, 18.0283



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.



36.7640, 41.8542, 39.3993



64.7521, 74.9771, 68.3143



37.5522, 42.1695, 43.5502



8.3890, 9.4901, 9.0422



11.3912, 22.7825, 3.7971



0.3584, 0.7168, 0.1195

Inverse Universe

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



38.9683, 37.8220, 47.3681



69.5089, 66.2759, 85.5102



38.1219, 37.4835, 42.9111



8.8501, 8.6467, 10.7089



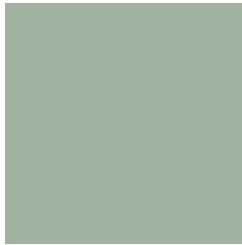
18.8864, 9.0721, 30.8927



0.5942, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 36.7628, 41.8524, 39.3984 looks on a white background.

Color Contrast Check

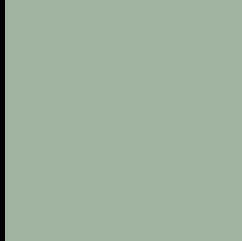
Large Text (above 18pt) WCAG AA × Fail

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 36.7628, 41.8524, 39.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

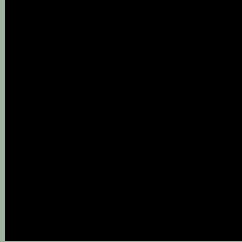
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7628, 41.8524, 39.3984

Background



This preview shows how black text looks on a background with the XYZ color 36.7628, 41.8524, 39.3984.



This preview shows how white text looks on a background with the XYZ color 36.7628, 41.8524,

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

36.7628, 41.8524, 39.3984

Protanopia

39.6607, 41.6427, 37.8458

Deuteranopia

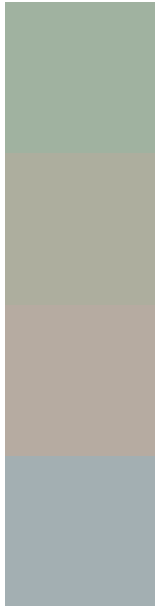
42.5884, 41.7154, 39.9896



Tritanopia

39.5230, 41.7955, 53.5612

Trichromacy



Original Color

36.7628, 41.8524, 39.3984

Protanomaly

38.5412, 41.6250, 38.3508

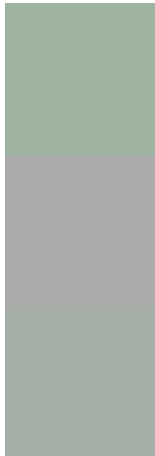
Deuteranomaly

40.2873, 41.6441, 39.6330

Tritanomaly

38.4701, 41.6608, 48.1332

Monochromacy



Original Color

36.7628, 41.8524, 39.3984

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.0475, 41.2776, 42.5213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7628, 41.8524, 39.3984 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(160, 178, 160)` looks like.

```
.text, #text, p{  
    color:rgb(160, 178, 160)  
}
```

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(160, 178, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 178, 160) }
```

Border

The CSS property to change the border of an element to XYZ 36.7628, 41.8524, 39.3984 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(160, 178, 160) }
```


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

```
.border{ border-color:rgb(160, 178, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 178, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 178, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 178, 160);  
box-shadow:4px 4px 4px 4px rgb(160, 178,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7628, 41.8524, 39.3984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 178, 160) }
```

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

```
.background{ background-color: rgb(160,  
178, 160) }
```

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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