

Converting Colors

XYZ(36.4455, 41.8618, 39.5375)

Have a look what the booklet for
XYZ(36.4455, 41.8618, 39.5375)
contains.

XYZ(36.5658, 42.0474, 39.4464)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.5658, 42.0474,
39.4464)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB3A0
RGB	158, 179, 160
RGB Percent	62%, 70%, 63%
CMY	0.3804, 0.2980, 0.3725
CMYK	0.12, 0.00, 0.11, 0.30
HSL	126°, 12%, 66%
HSV	126°, 12%, 70%
XYZ	36.5658, 42.0474, 39.4464
YIQ	170.5550, -6.4170, -10.3610

Conversions

Conversions Part 2

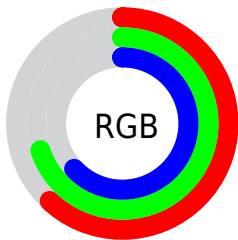
Format	Color
RYB	158, 177, 179
Decimal	10400672
CIELab	70.90, -10.94, 7.26
CIELCh	71, 13.125, 146.428
Yxy	42.0474, 0.3097, 0.3562
Android (android.graphics.Color)	4288590752 (0xFF9EB3A0)
YUV	170.5550, -5.2036, -11.0107
Hunter-Lab	64.8440, -12.8200, 9.3230

Details

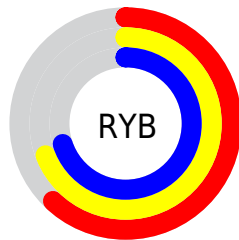
The XYZ color **36.5658, 42.0474, 39.4464** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7546, 37.2127, 46.7372**, and the grayscale version is **38.5141, 40.5198, 44.1261**.

A 20% lighter version of the original color is **69.4146, 78.4691, 75.7775**, and **16.2846, 19.1516, 17.3063** is the 20% darker color. If you saturate the color by 10%, you get **31.9723, 39.8338, 32.3113**, and if you desaturate by 10%, it is **41.8591, 44.6029, 47.5795**.

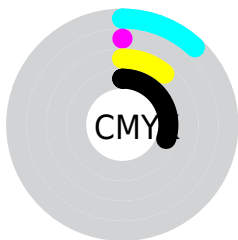
Distribution



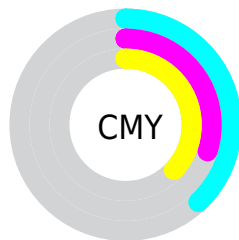
- Red (62%)
- Green (70%)
- Blue (63%)



- Red (62%)
- Yellow (69%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)





- Cyan (38%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5658, 42.0474, 39.4464 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 36.5658, 42.0474, 39.4464 by changing the saturation by 10% instead.


 36.5658, 42.0474,
39.4464


 36.5658, 42.0474,
39.4464


322.8151,
354.6794, 359.2671

 25.0436, 29.1384,
26.7967

 69.2227, 78.2714,
75.5476

 16.2385, 19.1855,
17.1895


 91.0880, 102.3551,
99.8362

 9.7850, 11.8044,
10.2063


117.1319,
130.9326, 128.8414

 5.3178, 6.6107,
5.4286

147.7195,
164.3882, 162.9820

 2.4716, 3.2198,
2.4377

183.2163,
203.1062, 202.6762

 0.8809, 1.2475,
0.8069

223.9876,

 0.0000, 0.1000,

247.4712, 248.3428

0.0000

270.3987,
297.8674, 300.4003

■ 0.0000, 0.0000,
0.0000

■ 36.5658, 42.0474,
39.4464

■ 36.5658, 42.0474,
39.4464

■ 31.9723, 39.8338,
32.3113

■ 41.8591, 44.6029,
47.5795

■ 28.0460, 37.9423,
26.1332

■ 47.8762, 47.5082,
56.7441

■ 24.7568, 36.3598,
20.8722

■ 54.6442, 50.7778,
66.9756

■ 22.0711, 35.0695,
16.4846

■ 62.1878, 54.4236,
78.3067

■ 19.9519, 34.0537,
12.9230

■ 70.5304, 58.4573,
90.7688

■ 18.3584, 33.2923,
10.1359

■ 75.4109, 60.7219,
102.3536

■ 17.2442, 32.7625,
8.0655

■ 16.5546, 32.4377,
6.6463

■ 16.2225, 32.2825,
5.9084

Harmonies

Analogous

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



38.1241, 42.0474, 35.8316



36.5658, 42.0474, 39.4464



35.9169, 42.0474, 45.0369

Triad

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



36.5658, 42.0474, 39.4464



39.7036, 42.0474, 58.8707



43.8460, 42.0474, 40.6338

Complementary

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



36.5658, 42.0474, 39.4464



38.7546, 37.2127, 46.7372

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.



44.3059, 42.0474, 46.5362



36.5658, 42.0474, 39.4464



41.8638, 42.0474, 57.4236

Square

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



36.5658, 42.0474, 39.4464



37.6864, 42.0474, 56.5561



43.5682, 42.0474, 52.7631



42.3332, 42.0474, 36.4720

Rectangle

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



36.5658, 42.0474, 39.4464



36.0692, 42.0474, 49.2699



43.5682, 42.0474, 52.7631



44.1312, 42.0474, 42.4636

Sweetspot

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



36.5670, 42.0492, 39.4473



72.6381, 78.7555, 81.6467



40.4819, 44.0875, 38.7243



15.9310, 17.3701, 17.8405



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.



36.5670, 42.0492, 39.4473



63.3122, 74.2561, 67.2818



37.5013, 42.4229, 44.3677



8.4208, 9.5028, 9.2094



11.4744, 22.8157, 4.2352



0.3717, 0.7222, 0.1895

Inverse Universe

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



38.7546, 37.2127, 46.7372



67.9849, 63.9253, 82.8521



37.7706, 36.8191, 41.5553



8.8144, 8.6325, 10.5213



17.7554, 8.6197, 24.9356



0.5687, 0.2752, 0.8375

Previews

White Background



This preview shows how the XYZ color 36.5658, 42.0474, 39.4464 looks on a white background.

Color Contrast Check

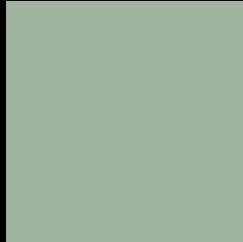
Large Text (above 18pt) WCAG AA × Fail

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 36.5658, 42.0474, 39.4464 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 36.5658, 42.0474, 39.4464

Background



This preview shows how black text looks on a background with the XYZ color 36.5658, 42.0474, 39.4464.



This preview shows how white text looks on a background with the XYZ color 36.5658, 42.0474,

39.4464.

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

36.5658, 42.0474, 39.4464

Protanopia

39.8518, 42.0248, 37.9095

Deuteranopia

42.5884, 41.7154, 39.9896



Tritanopia

39.6195, 42.1206, 54.1860

Trichromacy



Original Color

36.5658, 42.0474, 39.4464

Protanomaly

38.5148, 41.8992, 38.4052

Deuteranomaly

40.0520, 41.5228, 39.6219

Tritanomaly

38.2592, 41.8421, 48.1793

Monochromacy



Original Color

36.5658, 42.0474, 39.4464

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.8370, 41.1691, 42.5114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5658, 42.0474, 39.4464 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(158, 179, 160)` looks like.

```
.text, #text, p{  
    color:rgb(158, 179, 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(158, 179, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 179, 160) }
```

Border

The CSS property to change the border of an element to XYZ 36.5658, 42.0474, 39.4464 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(158, 179, 160) }
```


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

```
.border{ border-color:rgb(158, 179, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 179, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 179, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 179, 160);  
box-shadow:4px 4px 4px 4px rgb(158, 179,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5658, 42.0474, 39.4464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 179, 160) }
```

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

```
.background{ background-color: rgb(158,  
179, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor