

Converting Colors

XYZ(36.6077, 38.3769, 41.0759)

Have a look what the booklet for
XYZ(36.6077, 38.3769, 41.0759)
contains.

XYZ(36.5762, 38.3139, 41.0649)	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(36.5762, 38.3139,
41.0649)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A6A5
RGB	168, 166, 165
RGB Percent	66%, 65%, 65%
CMY	0.3412, 0.3490, 0.3529
CMYK	0.00, 0.01, 0.02, 0.34
HSL	20°, 2%, 65%
HSV	20°, 2%, 66%
XYZ	36.5762, 38.3139, 41.0649
YIQ	166.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

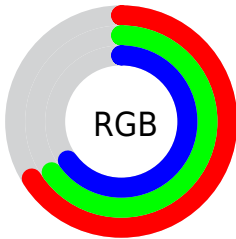
Format	Color
RYB	168, 167, 165
Decimal	11052709
CIELab	68.25, 0.53, 0.76
CIELCh	68, 0.928, 55.100
Yxy	38.3139, 0.3154, 0.3304
Android (android.graphics.Color)	4289242789 (0xFFA8A6A5)
YUV	166.4840, -0.7316, 1.3295
Hunter-Lab	61.8982, -2.8447, 3.9942

Details

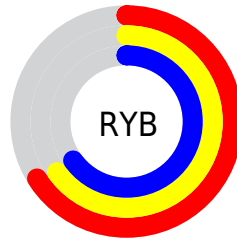
The XYZ color **36.5762, 38.3139, 41.0649** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4037, 38.4634, 42.5518**, and the grayscale version is **36.4837, 38.3837, 41.7998**.

A 20% lighter version of the original color is **69.2061, 72.5682, 78.0697**, and **16.2004, 16.9399, 18.0387** is the 20% darker color. If you saturate the color by 10%, you get **33.2015, 33.8526, 32.8848**, and if you desaturate by 10%, it is **40.3308, 43.2125, 50.3636**.

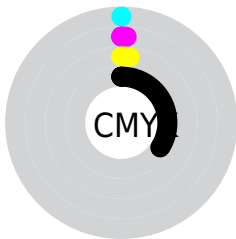
Distribution



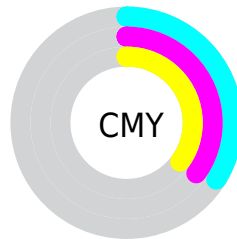
- Red (66%)
- Green (65%)
- Blue (65%)



- Red (66%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (34%)



- Cyan (34%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5762, 38.3139, 41.0649 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 36.5762, 38.3139, 41.0649 by changing the saturation by 10% instead.

■ 36.5762, 38.3139,
41.0649

■ 36.5762, 38.3139,
41.0649

322.8595,
338.9646, 366.2765

■ 25.0517, 26.2264,
28.0497

■ 69.2386, 72.5890,
78.0371

■ 16.2445, 16.9931,
18.1238

■ 91.1071, 95.5454,
102.8313

■ 9.7893, 10.2296,
10.8685

117.1545,
122.8936, 132.3888

■ 5.3207, 5.5514,
5.8654

147.7459,
155.0179, 167.1283

■ 2.4733, 2.5743,
2.6960

183.2467,
192.3028, 207.4683

■ 0.8818, 0.9138,
0.9414

224.0224,

■ 0.0000, 0.0000,

235.1326, 253.8273

0.0000

270.4382,
283.8917, 306.6238

■ 36.5762, 38.3139,
41.0649

■ 36.5762, 38.3139,
41.0649

■ 33.2015, 33.8526,
32.8848

■ 40.3308, 43.2125,
50.3636

■ 30.1911, 29.8115,
25.7785

■ 44.4737, 48.5550,
60.8186

■ 27.5333, 26.1796,
19.7015

■ 49.0172, 54.3541,
72.4688

■ 25.2143, 22.9438,
14.6057

■ 53.9718, 60.6206,
85.3505

■ 23.2193, 20.0899,
10.4387

■ 59.3479, 67.3649,
99.4987

■ 21.5326, 17.6030,
7.1433

■ 63.3669, 73.8814,
105.5285

■ 20.1368, 15.4672,
4.6560

■ 66.6357, 80.4190,
106.6181

■ 19.0124, 13.6651,
2.9045

■ 69.9587, 87.0649,
107.7257

■ 18.1373, 12.1776,
1.8030

Harmonies

Analogous

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



36.6697, 38.3139, 41.3790



36.5762, 38.3139, 41.0649



36.4401, 38.3139, 40.9256

Triad

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



36.5762, 38.3139, 41.0649



36.1387, 38.3139, 41.6491



36.5348, 38.3139, 42.4457

Complementary

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



36.5762, 38.3139, 41.0649



36.4037, 38.4634, 42.5518

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.



36.3924, 38.3139, 42.5192



36.5762, 38.3139, 41.0649



36.1639, 38.3139, 42.0575

Square

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



36.5762, 38.3139, 41.0649



36.1877, 38.3139, 41.2615



36.2567, 38.3139, 42.3766



36.6457, 38.3139, 42.1765

Rectangle

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



36.5762, 38.3139, 41.0649



36.3435, 38.3139, 40.9500



36.2567, 38.3139, 42.3766



36.4890, 38.3139, 42.4942

Sweetspot

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



36.5773, 38.3156, 41.0657



66.8721, 70.1819, 75.7406



36.5792, 38.0257, 41.9715



14.5834, 15.3074, 16.5283



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



36.5773, 38.3156, 41.0657



66.2119, 69.3154, 74.1215



36.8510, 38.8630, 41.1570



8.3060, 8.6991, 9.3175



13.3118, 8.5209, 0.9431



0.3707, 0.3010, 0.0386

Inverse Universe

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



36.4037, 38.4634, 42.5518



65.8531, 69.6209, 77.1924



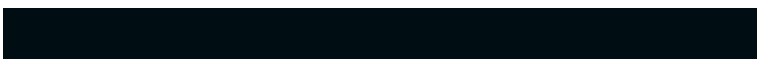
36.1310, 37.9181, 42.4609



8.2649, 8.7341, 9.6686



9.7475, 10.9551, 29.5763



0.2813, 0.3548, 0.7343

Previews

White Background



This preview shows how the XYZ color 36.5762, 38.3139, 41.0649 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 36.5762, 38.3139, 41.0649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

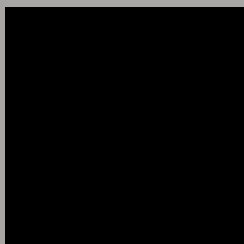
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

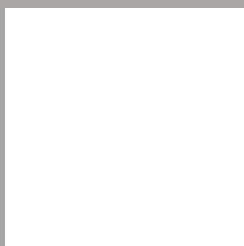
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5762, 38.3139, 41.0649

Background



This preview shows how black text looks on a background with the XYZ color 36.5762, 38.3139, 41.0649.

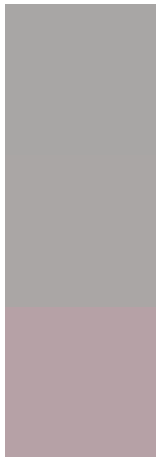


This preview shows how white text looks on a background with the XYZ color 36.5762, 38.3139,

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

36.5762, 38.3139, 41.0649

Protanopia

37.0053, 38.5351, 41.0849

Deuteranopia

38.9192, 38.1880, 41.3961



Tritanopia

37.7888, 38.2713, 46.9904

Trichromacy



Original Color

36.5762, 38.3139, 41.0649

Protanomaly

36.7899, 38.4241, 41.0749

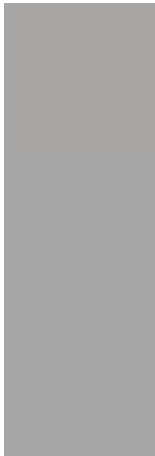
Deuteranomaly

38.1116, 38.2947, 41.4593

Tritanomaly

37.3601, 38.3624, 44.9708

Monochromacy



Original Color

36.5762, 38.3139, 41.0649

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.4555, 38.2411, 41.5363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5762, 38.3139, 41.0649 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(168, 166, 165)` looks like.

```
.text, #text, p{  
    color:rgb(168, 166, 165)  
}
```

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(168, 166, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 166, 165) }
```

Border

The CSS property to change the border of an element to XYZ 36.5762, 38.3139, 41.0649 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(168, 166, 165) }
```


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

```
.border{ border-color:rgb(168, 166, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 166, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 166, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 166, 165);  
box-shadow:4px 4px 4px 4px rgb(168, 166,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5762, 38.3139, 41.0649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 166, 165) }
```

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

```
.background{ background-color: rgb(168,  
166, 165) }
```

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