

Converting Colors

XYZ(36.0424, 37.9003, 44.2868)

Have a look what the booklet for
XYZ(36.0424, 37.9003, 44.2868)
contains.

XYZ(36.1869, 38.0375, 44.4644)	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(36.1869, 38.0375,
44.4644)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A6AC
RGB	163, 166, 172
RGB Percent	64%, 65%, 67%
CMY	0.3608, 0.3490, 0.3255
CMYK	0.05, 0.03, 0.00, 0.33
HSL	220°, 5%, 66%
HSV	220°, 5%, 67%
XYZ	36.1869, 38.0375, 44.4644
YIQ	165.7870, -3.7140, 1.2300

Conversions

Conversions Part 2

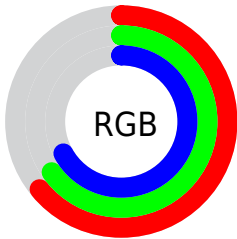
Format	Color
RYB	163, 165, 172
Decimal	10725036
CIELab	68.05, 0.11, -3.47
CIElCh	68, 3.473, 271.840
Yxy	38.0375, 0.3049, 0.3205
Android (android.graphics.Color)	4288915116 (0xFFA3A6AC)
YUV	165.7870, 3.0630, -2.4442
Hunter-Lab	61.6745, -3.1974, 0.4269

Details

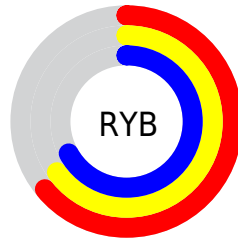
The XYZ color **36.1869, 38.0375, 44.4644** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8123, 39.7907, 40.3386**, and the grayscale version is **36.1305, 38.0122, 41.3952**.

A 20% lighter version of the original color is **68.6350, 72.1644, 82.9847**, and **15.9630, 16.7702, 20.1649** is the 20% darker color. If you saturate the color by 10%, you get **30.9105, 32.3618, 43.6476**, and if you desaturate by 10%, it is **42.1303, 44.3348, 45.3672**.

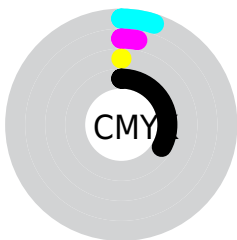
Distribution



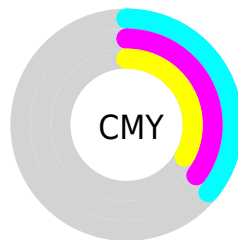
- Red (64%)
- Green (65%)
- Blue (67%)



- Red (64%)
- Yellow (65%)
- Blue (67%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1869, 38.0375, 44.4644 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 36.1869, 38.0375, 44.4644 by changing the saturation by 10% instead.

■ 36.1869, 38.0375,
44.4644

■ 36.1869, 38.0375,
44.4644

321.1937,
337.7808, 380.6967

■ 24.7494, 26.0118,
30.6959

■ 68.6424, 72.1656,
83.2260

■ 16.0181, 16.8325,
20.1109

■ 90.3911, 95.0368,
109.0562

■ 9.6279, 10.1151,
12.2908

116.3076,
122.2920, 139.7440

■ 5.2133, 5.4753,
6.8171

146.7572,
154.3155, 175.7080

■ 2.4090, 2.5288,
3.2713

182.1052,
191.4917, 217.3668

■ 0.8496, 0.8910,
1.2348

222.7171,

■ 0.0000, 0.0000,

234.2051, 265.1388

0.0074

268.9581,
282.8400, 319.4426

■ 0.0000, 0.0000,
0.0000

■ 36.1869, 38.0375,
44.4644

■ 36.1869, 38.0375,
44.4644

■ 30.9105, 32.3618,
43.6476

■ 42.1303, 44.3348,
45.3672

■ 26.2737, 27.2833,
42.9117

■ 48.7600, 51.2676,
46.3560

■ 22.2521, 22.7830,
42.2550

■ 56.0989, 58.8552,
47.4337

■ 18.8183, 18.8391,
41.6747

■ 64.1677, 67.1147,
48.6027

■ 15.9430, 15.4282,
41.1679

■ 72.9861, 76.0626,
49.8650

■ 13.5940, 12.5251,
40.7314

■ 78.3311, 83.5279,
51.0243

■ 11.7354, 10.1022,
40.3617

■ 81.7152, 90.2960,
52.1523

■ 10.3266, 8.1289,
40.0550

■ 84.4465, 95.7586,
53.0627

■ 9.3180, 6.5692,
39.8071

Harmonies

Analogous

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



35.6650, 38.0375, 44.0975



36.1869, 38.0375, 44.4644



36.7048, 38.0375, 43.9979

Triad

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



36.1869, 38.0375, 44.4644



37.0440, 38.0375, 39.8653



35.2446, 38.0375, 40.0269

Complementary

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



36.1869, 38.0375, 44.4644



37.8123, 39.7907, 40.3386

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.



35.6078, 38.0375, 38.9379



36.1869, 38.0375, 44.4644



36.6464, 38.0375, 38.8462

Square

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



36.1869, 38.0375, 44.4644



37.2027, 38.0375, 41.3208



36.1201, 38.0375, 38.5109



35.1242, 38.0375, 41.5121

Rectangle

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



36.1869, 38.0375, 44.4644



36.9772, 38.0375, 43.2835



36.1201, 38.0375, 38.5109



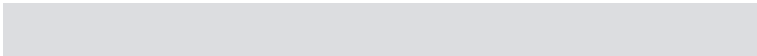
35.3421, 38.0375, 39.6037

Sweetspot

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



36.1880, 38.0391, 44.4652



68.9621, 72.5347, 81.1717



37.0048, 40.1511, 43.2625



15.0130, 15.7910, 17.6444



82.5889, 86.8899, 94.6231



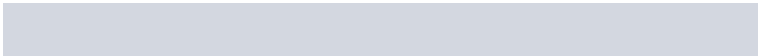
15.4596, 16.2647, 17.7123

Same Dimension

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



36.1880, 38.0391, 44.4652



64.7640, 68.0619, 80.5296



35.9265, 37.1035, 44.2984



8.1368, 8.5502, 10.1742



6.6900, 4.5139, 29.5632



0.2373, 0.2279, 0.8395

Inverse Universe

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



36.9943, 37.7191, 41.4089



66.4637, 67.3963, 74.0841



38.0824, 40.7687, 40.5131



8.3657, 8.4612, 9.3063



13.2405, 6.7587, 3.6458



0.3941, 0.1983, 0.2374

Previews

White Background



This preview shows how the XYZ color 36.1869, 38.0375, 44.4644 looks on a white background.

Color Contrast Check

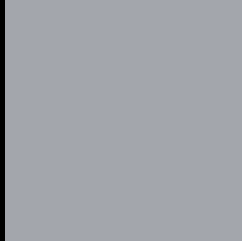
Large Text (above 18pt) WCAG AA × Fail

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 36.1869, 38.0375, 44.4644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

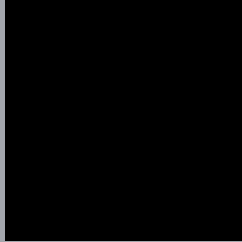
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1869, 38.0375, 44.4644

Background



This preview shows how black text looks on a background with the XYZ color 36.1869, 38.0375, 44.4644.



This preview shows how white text looks on a background with the XYZ color 36.1869, 38.0375,

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

36.1869, 38.0375, 44.4644

Protanopia

36.7422, 38.0660, 43.9390

Deuteranopia

38.6478, 37.9718, 44.8275



Tritanopia

36.8009, 38.0171, 47.5179

Trichromacy



Original Color

36.1869, 38.0375, 44.4644

Protanomaly

36.5317, 37.9575, 43.9292

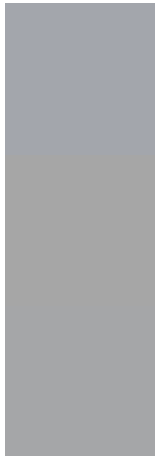
Deuteranomaly

37.8736, 38.0958, 44.8922

Tritanomaly

36.6014, 37.9374, 46.4678

Monochromacy



Original Color

36.1869, 38.0375, 44.4644

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.2212, 38.0989, 42.4906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1869, 38.0375, 44.4644 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(163, 166, 172)` looks like.

```
.text, #text, p{  
    color:rgb(163, 166, 172)  
}
```

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(163, 166, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 166, 172) }
```

Border

The CSS property to change the border of an element to XYZ 36.1869, 38.0375, 44.4644 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(163, 166, 172) }
```


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

```
.border{ border-color:rgb(163, 166, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 166, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 166, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 166, 172);  
box-shadow:4px 4px 4px 4px rgb(163, 166,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1869, 38.0375, 44.4644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 166, 172) }
```

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

```
.background{ background-color: rgb(163,  
166, 172) }
```

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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