

Converting Colors

XYZ(36.4058, 38.2602, 45.2046)

Have a look what the booklet for
XYZ(36.4058, 38.2602, 45.2046)
contains.

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Color

**XYZ(36.2833, 38.0761,
44.9722)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A6AD
RGB	163, 166, 173
RGB Percent	64%, 65%, 68%
CMY	0.3608, 0.3490, 0.3216
CMYK	0.06, 0.04, 0.00, 0.32
HSL	222°, 6%, 66%
HSV	222°, 6%, 68%
XYZ	36.2833, 38.0761, 44.9722
YIQ	165.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

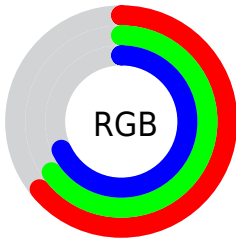
Format	Color
R_{YB}	163, 165, 173
Decimal	10725037
CIE _{Lab}	68.08, 0.31, -3.98
CIE _{LCh}	68, 3.997, 274.456
Yxy	38.0761, 0.3041, 0.3191
Android (android.graphics.Color)	4288915117 (0xFFA3A6AD)
YUV	165.9010, 3.4998, -2.5442
Hunter-Lab	61.7058, -3.0264, -0.0174

Details

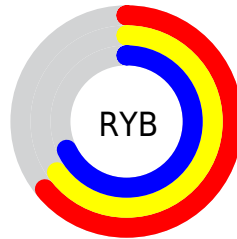
The XYZ color **36.2833, 38.0761, 44.9722** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.2192, 40.2776, 40.4110**, and the grayscale version is **36.1836, 38.0680, 41.4560**.

A 20% lighter version of the original color is **68.7735, 72.2198, 83.7138**, and **16.0240, 16.7946, 20.4863** is the 20% darker color. If you saturate the color by 10%, you get **30.8828, 32.1785, 44.1191**, and if you desaturate by 10%, it is **42.3778, 44.6410, 45.9187**.

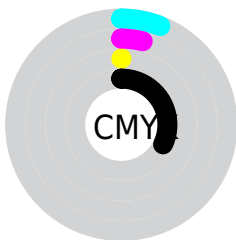
Distribution



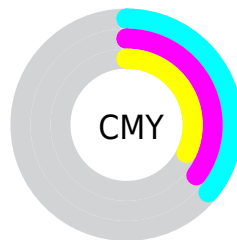
- Red (64%)
- Green (65%)
- Blue (68%)



- Red (64%)
- Yellow (65%)
- Blue (68%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (32%)



- Cyan (36%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2833, 38.0761, 44.9722 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 36.2833, 38.0761, 44.9722 by changing the saturation by 10% instead.

■ 36.2833, 38.0761,
44.9722

■ 36.2833, 38.0761,
44.9722

321.6068,
337.9463, 382.8178

■ 24.8242, 26.0418,
31.0927

■ 68.7901, 72.2248,
83.9967

■ 16.0742, 16.8549,
20.4104

■ 90.5686, 95.1079,
109.9788

■ 9.6678, 10.1311,
12.5067

116.5175,
122.3760, 140.8322

■ 5.2398, 5.4860,
6.9630

147.0022,
154.4136, 176.9755

■ 2.4249, 2.5351,
3.3609

182.3882,
191.6051, 218.8272

■ 0.8575, 0.8942,
1.2817

223.0407,

■ 0.0000, 0.0000,

234.3347, 266.8057

0.0468

269.3251,
282.9870, 321.3298

■ 0.0000, 0.0000,
0.0000

■ 36.2833, 38.0761,
44.9722

■ 36.2833, 38.0761,
44.9722

■ 30.8828, 32.1785,
44.1191

■ 42.3778, 44.6410,
45.9187

■ 26.1477, 26.9220,
43.3540

■ 49.1868, 51.8889,
46.9588

■ 22.0523, 22.2855,
42.6749

■ 56.7342, 59.8409,
48.0959

■ 18.5680, 18.2450,
42.0787

■ 65.0417, 68.5157,
49.3325

■ 15.6636, 14.7748,
41.5620

■ 74.1300, 77.9314,
50.6709

■ 13.3055, 11.8471,
41.1211

■ 79.5432, 85.7977,
51.9039

■ 11.4559, 9.4317,
40.7524

■ 83.1996, 93.1106,
53.1227

■ 10.0720, 7.4948,
40.4515

■ 84.5429, 95.7972,
53.5705

■ 9.1001, 5.9960,
40.2134

Harmonies

Analogous

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



35.6763, 38.0761, 44.6301



36.2833, 38.0761, 44.9722



36.8719, 38.0761, 44.3509

Triad

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



36.2833, 38.0761, 44.9722



37.1865, 38.0761, 39.5483



35.1205, 38.0761, 39.9972

Complementary

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



36.2833, 38.0761, 44.9722



38.2192, 40.2776, 40.4110

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.



35.5169, 38.0761, 38.6945



36.2833, 38.0761, 44.9722



36.7090, 38.0761, 38.4406

Square

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



36.2833, 38.0761, 44.9722



37.3972, 38.0761, 41.1925



36.0972, 38.0761, 38.1326



35.0095, 38.0761, 41.7254

Rectangle

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



36.2833, 38.0761, 44.9722



37.1733, 38.0761, 43.4841



36.0972, 38.0761, 38.1326



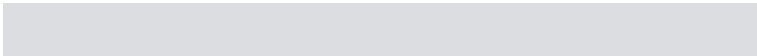
35.2246, 38.0761, 39.4966

Sweetspot

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



36.2844, 38.0777, 44.9730



68.9225, 72.4556, 81.1585



37.2884, 40.5702, 43.8137



15.0048, 15.7747, 17.6417



82.5889, 86.8899, 94.6231



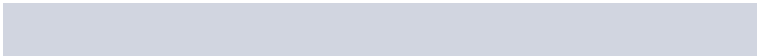
15.4596, 16.2647, 17.7123

Same Dimension

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



36.2844, 38.0777, 44.9730



63.6135, 66.7083, 80.3290



36.1230, 37.1937, 44.8109



8.0022, 8.3899, 10.1504



6.4864, 4.1067, 29.4953



0.2290, 0.2113, 0.8367

Inverse Universe

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



37.2145, 37.8325, 41.4193



65.6517, 66.1861, 72.5380



38.3859, 41.2087, 40.5819



8.2711, 8.3215, 9.1224



13.1377, 6.7176, 3.1045



0.3900, 0.1967, 0.2153

Previews

White Background



This preview shows how the XYZ color 36.2833, 38.0761, 44.9722 looks on a white background.

Color Contrast Check

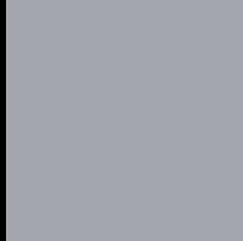
Large Text (above 18pt) WCAG AA × Fail

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 36.2833, 38.0761, 44.9722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

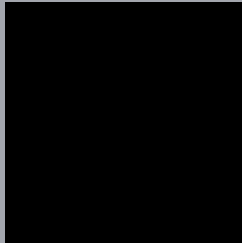
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.2833, 38.0761, 44.9722

Background



This preview shows how black text looks on a background with the XYZ color 36.2833, 38.0761, 44.9722.



This preview shows how white text looks on a background with the XYZ color 36.2833, 38.0761,

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

36.2833, 38.0761, 44.9722

Protanopia

36.8379, 38.1043, 44.4430

Deuteranopia

38.7449, 38.0107, 45.3391



Tritanopia

36.8009, 38.0171, 47.5179

Trichromacy



Original Color

36.2833, 38.0761, 44.9722

Protanomaly

36.6274, 37.9958, 44.4332

Deuteranomaly

37.9708, 38.1346, 45.4038

Tritanomaly

36.6014, 37.9374, 46.4678

Monochromacy



Original Color

36.2833, 38.0761, 44.9722

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.3147, 38.1363, 42.9832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2833, 38.0761, 44.9722 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(163, 166, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 166, 173) }
```

Border

The CSS property to change the border of an element to XYZ 36.2833, 38.0761, 44.9722 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, 173) }
```


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

```
.border{ border-color:rgb(163, 166, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 166, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 166, 173);  
box-shadow:4px 4px 4px 4px rgb(163, 166,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2833, 38.0761, 44.9722 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, 173) }
```

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

```
.background{ background-color: rgb(163,  
166, 173) }
```

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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