

Converting Colors

XYZ(32.1166, 33.0966, 43.7253)

Have a look what the booklet for
XYZ(32.1166, 33.0966, 43.7253)
contains.

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Color

**XYZ(32.1166, 33.0966,
43.7253)**

Conversions

Conversions Part 1

Format	Color
Hex	989BAC
RGB	152, 155, 172
RGB Percent	60%, 61%, 67%
CMY	0.4039, 0.3921, 0.3255
CMYK	0.12, 0.10, 0.00, 0.33
HSL	231°, 11%, 64%
HSV	231°, 12%, 67%
XYZ	32.1166, 33.0966, 43.7253
YIQ	156.0410, -7.2450, 4.6510

Conversions

Conversions Part 2

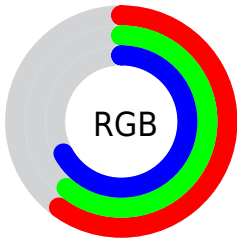
Format	Color
RYB	152, 155, 172
Decimal	10001324
CIELab	64.24, 2.40, -9.21
CIELCh	64, 9.519, 284.600
Yxy	33.0966, 0.2948, 0.3038
Android (android.graphics.Color)	4288191404 (0xFF989BAC)
YUV	156.0410, 7.8678, -3.5440
Hunter-Lab	57.5296, -1.0272, -4.7925

Details

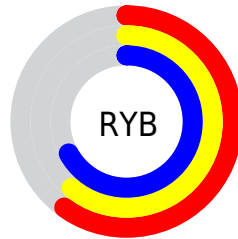
The XYZ color **32.1166, 33.0966, 43.7253** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8689, 39.4134, 35.3707**, and the grayscale version is **31.5873, 33.2323, 36.1900**.

A 20% lighter version of the original color is **62.1192, 64.2688, 81.8041**, and **13.7073, 14.0234, 19.7536** is the 20% darker color. If you saturate the color by 10%, you get **26.8407, 26.9820, 42.8236**, and if you desaturate by 10%, it is **38.1559, 40.0438, 44.7485**.

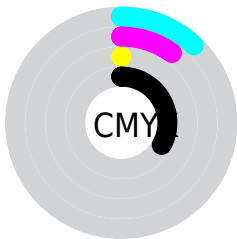
Distribution



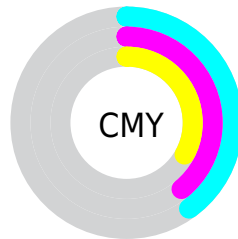
- Red (60%)
- Green (61%)
- Blue (67%)



- Red (60%)
- Yellow (61%)
- Blue (67%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1166, 33.0966, 43.7253 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 32.1166, 33.0966, 43.7253 by changing the saturation by 10% instead.

■ 32.1166, 33.0966,
43.7253

■ 32.1166, 33.0966,
43.7253

303.3859,
316.0848, 377.5946

■ 21.6066, 22.2005,
30.1190

■ 62.3578, 64.5263,
82.1023

■ 13.6831, 14.0043,
19.6761

■ 82.8197, 85.8287,
107.7101

■ 7.9808, 8.1236,
11.9781

107.3295,
111.3686, 138.1554

■ 4.1344, 4.1742,
6.6064

136.2527,
141.5304, 173.8569

■ 1.7784, 1.7715,
3.1425

169.9546,
176.6985, 215.2330

■ 0.5046, 0.4693,
1.1679

208.8005,

■ 0.0000, 0.0000,

217.2574, 262.7023

0.0000

253.1558,
263.5913, 316.6833

■ 32.1166, 33.0966,
43.7253

■ 32.1166, 33.0966,
43.7253

■ 26.8407, 26.9820,
42.8236

■ 38.1559, 40.0438,
44.7485

■ 22.2947, 21.6645,
42.0369

■ 44.9843, 47.8489,
45.8951

■ 18.4472, 17.1122,
41.3610

■ 52.6302, 56.5415,
47.1699

■ 15.2630, 13.2896,
40.7910

■ 61.1193, 66.1483,
48.5768

■ 12.7040, 10.1582,
40.3214

■ 70.4766, 76.6951,
50.1194

■ 10.7282, 7.6759,
39.9464

■ 80.6513, 88.1683,
51.7977

■ 9.2882, 5.7960,
39.6595

■ 84.4465, 95.7586,
53.0627

■ 8.3288, 4.4651,
39.4531

■ 7.8119, 3.7094,
39.3345

Harmonies

Analogous

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



30.7726, 33.0966, 43.6947



32.1166, 33.0966, 43.7253



33.3166, 33.0966, 41.5971

Triad

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



32.1166, 33.0966, 43.7253



33.3433, 33.0966, 31.0616



29.0190, 33.0966, 34.0969

Complementary

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



32.1166, 33.0966, 43.7253



36.8689, 39.4134, 35.3707

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.



29.6685, 33.0966, 30.9951



32.1166, 33.0966, 43.7253



32.1522, 33.0966, 29.3300

Square

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



32.1166, 33.0966, 43.7253



34.0385, 33.0966, 34.1938



30.8071, 33.0966, 29.3065



29.0101, 33.0966, 37.9444

Rectangle

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



32.1166, 33.0966, 43.7253



33.8625, 33.0966, 39.3225



30.8071, 33.0966, 29.3065



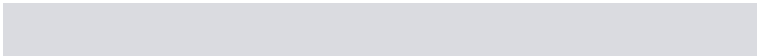
29.1688, 33.0966, 32.9390

Sweetspot

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



32.1176, 33.0980, 43.7260



67.5708, 70.7533, 80.9012



34.8322, 39.0331, 43.0711



14.4885, 15.1511, 17.5485



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.



32.1176, 33.0980, 43.7260



55.6226, 56.9899, 78.8743



32.9073, 32.7726, 43.6216



7.6724, 7.9441, 10.0817



5.8395, 2.8129, 29.2797



0.1915, 0.1364, 0.8242

Inverse Universe

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



34.1586, 33.5944, 35.6959



60.0895, 58.1075, 61.2935



36.0071, 39.8078, 35.4923



8.0524, 8.0342, 8.5869



12.8112, 6.5870, 1.3851



0.3711, 0.1891, 0.1159

Previews

White Background



This preview shows how the XYZ color 32.1166, 33.0966, 43.7253 looks on a white background.

Color Contrast Check

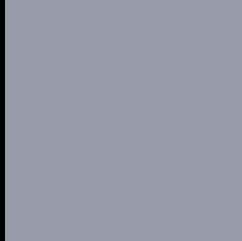
Large Text (above 18pt) WCAG AA × Fail

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 32.1166, 33.0966, 43.7253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

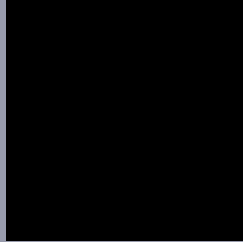
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.1166, 33.0966, 43.7253

Background



This preview shows how black text looks on a background with the XYZ color 32.1166, 33.0966, 43.7253.



This preview shows how white text looks on a background with the XYZ color 32.1166, 33.0966,

43.7253.

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

32.1166, 33.0966, 43.7253

Protanopia

32.4942, 33.2913, 43.7430

Deuteranopia

33.7137, 32.9369, 44.1157



Tritanopia

31.7188, 33.1834, 41.7791

Trichromacy



Original Color

32.1166, 33.0966, 43.7253

Protanomaly

32.3046, 33.1936, 43.7341

Deuteranomaly

33.0691, 32.8445, 44.1319

Tritanomaly

31.8124, 33.2208, 42.2717

Monochromacy



Original Color

32.1166, 33.0966, 43.7253

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9276, 33.3541, 38.9376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1166, 33.0966, 43.7253 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(152, 155, 172)` looks like.

```
.text, #text, p{  
    color:rgb(152, 155, 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(152, 155, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 155, 172) }
```

Border

The CSS property to change the border of an element to XYZ 32.1166, 33.0966, 43.7253 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(152, 155, 172) }
```


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

```
.border{ border-color:rgb(152, 155, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 155, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 155, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 155, 172);  
box-shadow:4px 4px 4px 4px rgb(152, 155,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1166, 33.0966, 43.7253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 155, 172) }
```

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

```
.background{ background-color: rgb(152,  
155, 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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