

Converting Colors

XYZ(33.1973, 36.9131, 50.1749)

Have a look what the booklet for
XYZ(33.1973, 36.9131, 50.1749)
contains.

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Color

**XYZ(33.1973, 36.9131,
50.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA8B7
RGB	139, 168, 183
RGB Percent	55%, 66%, 72%
CMY	0.4549, 0.3412, 0.2823
CMYK	0.24, 0.08, 0.00, 0.28
HSL	200°, 23%, 63%
HSV	200°, 24%, 72%
XYZ	33.1973, 36.9131, 50.1750
YIQ	161.0390, -22.0990, -1.4830

Conversions

Conversions Part 2

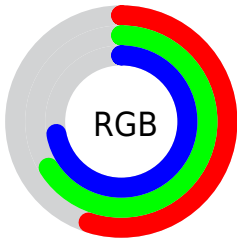
Format	Color
R_{YB}	139, 156, 183
Decimal	9152695
CIE _{Lab}	67.21, -6.55, -11.01
CIE _{LCh}	67, 12.813, 239.251
Yxy	36.9131, 0.2760, 0.3069
Android (android.graphics.Color)	4287342775 (0xFF8BA8B7)
YUV	161.0390, 10.8268, -19.3282
Hunter-Lab	60.7562, -8.7905, -6.4349

Details

The XYZ color **33.1973, 36.9131, 50.1750** is a light color, and the websafe version is hex **999999**, and the color name is **pewter blue**. A complement of this color would be **35.7446, 35.0427, 29.3068**, and the grayscale version is **33.8539, 35.6169, 38.7868**.

A 20% lighter version of the original color is **63.9600, 70.3448, 91.8682**, and **14.2992, 16.1772, 23.4880** is the 20% darker color. If you saturate the color by 10%, you get **29.2699, 33.2205, 49.6699**, and if you desaturate by 10%, it is **37.6937, 40.9829, 50.7242**.

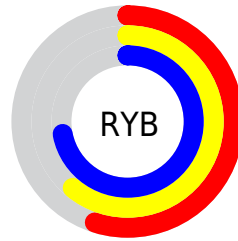
Distribution



Red (55%)

Green (66%)

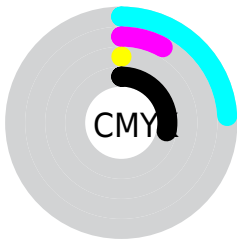
Blue (72%)



Red (55%)

Yellow (61%)

Blue (72%)

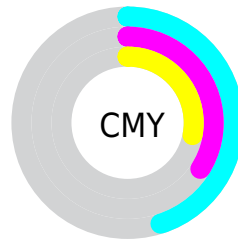


Cyan (24%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (45%)

Magenta (34%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1973, 36.9131, 50.1750 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 33.1973, 36.9131, 50.1750 by changing the saturation by 10% instead.

■ 33.1973, 36.9131,
50.1750

■ 33.1973, 36.9131,
50.1750

308.1871,
332.9341, 404.1046

■ 22.4376, 25.1402,
35.1803

■ 64.0361, 70.4391,
91.8331

■ 14.2972, 16.1816,
23.5171

■ 84.8458, 92.9610,
119.3336

■ 8.4107, 9.6527,
14.7669

■ 109.7363,
119.8347, 151.8397

■ 4.4129, 5.1693,
8.5112

139.0729,
151.4447, 189.7701

■ 1.9383, 2.3469,
4.3313

173.2209,
188.1752, 233.5432

■ 0.5989, 0.7984,
1.8088

212.5457,

■ 0.0000, 0.0000,

230.4106, 283.5776

0.4338

257.4127,
278.5355, 340.2919

■ 0.0000, 0.0000,
0.0000

■ 33.1973, 36.9131,
50.1750

■ 33.1973, 36.9131,
50.1750

■ 29.2699, 33.2205,
49.6699

■ 37.6937, 40.9829,
50.7242

■ 25.8819, 29.8860,
49.2048

■ 42.7802, 45.4390,
51.3162

■ 23.0060, 26.8952,
48.7791

■ 48.4808, 50.2960,
51.9532

■ 20.6110, 24.2308,
48.3911

■ 54.8171, 55.5661,
52.6365

■ 18.6622, 21.8738,
48.0388

■ 61.8098, 61.2608,
53.3671

■ 17.1193, 19.8021,
47.7203

■ 69.4784, 67.3914,
54.1463

■ 15.9342, 17.9897,
47.4329

■ 73.2480, 71.6003,
54.7600

■ 15.3389, 17.0021,
47.2736

■ 74.8345, 74.7731,
55.2888

■ 76.4818, 78.0678,
55.8379

Harmonies

Analogous

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



31.9054, 36.9131, 45.6868



33.1973, 36.9131, 50.1750



35.0357, 36.9131, 51.9496

Triad

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



33.1973, 36.9131, 50.1750



38.9803, 36.9131, 40.3330



33.2794, 36.9131, 31.5099

Complementary

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



33.1973, 36.9131, 50.1750



35.7446, 35.0427, 29.3068

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.



35.1340, 36.9131, 30.3576



33.1973, 36.9131, 50.1750



38.4686, 36.9131, 35.1566

Square

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



33.1973, 36.9131, 50.1750



38.4164, 36.9131, 45.9529



37.0425, 36.9131, 31.6298



31.9516, 36.9131, 34.9341

Rectangle

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



33.1973, 36.9131, 50.1750



36.3391, 36.9131, 51.2395



37.0425, 36.9131, 31.6298



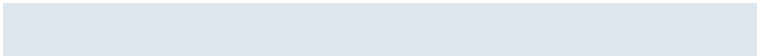
33.8596, 36.9131, 30.8590

Sweetspot

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



33.1984, 36.9146, 50.1758



73.7035, 78.8521, 91.5711



33.3867, 41.6786, 36.7124



16.1568, 17.3096, 20.2111



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



33.1984, 36.9146, 50.1758



55.5093, 62.4346, 89.3612



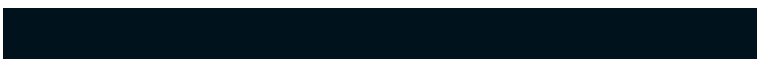
29.5258, 29.5694, 48.9516



9.0019, 9.6811, 11.4736



10.7662, 11.9920, 33.0003



0.4345, 0.5327, 1.1817

Inverse Universe

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



35.8298, 31.3605, 41.2122



61.1477, 51.0150, 70.0467



39.6494, 42.8522, 30.6084



9.2473, 9.1093, 10.6498



16.0480, 7.9929, 13.4052



0.5935, 0.2929, 0.6187

Previews

White Background



This preview shows how the XYZ color 33.1973, 36.9131, 50.1750 looks on a white background.

Color Contrast Check

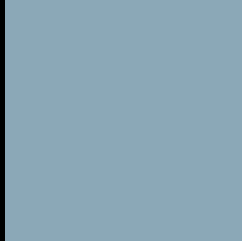
Large Text (above 18pt) WCAG AA × Fail

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 33.1973, 36.9131, 50.1750 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

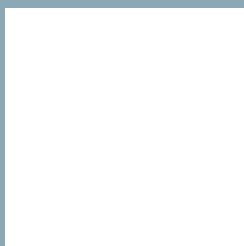
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1973, 36.9131, 50.1750

Background



This preview shows how black text looks on a background with the XYZ color 33.1973, 36.9131, 50.1750.



This preview shows how white text looks on a background with the XYZ color 33.1973, 36.9131,

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

33.1973, 36.9131, 50.1750

Protanopia

35.7550, 36.6724, 47.8418

Deuteranopia

37.5173, 36.7341, 51.0120



Tritanopia

33.0936, 36.8716, 49.6287

Trichromacy



Original Color

33.1973, 36.9131, 50.1750

Protanomaly

34.6505, 36.6185, 48.4218

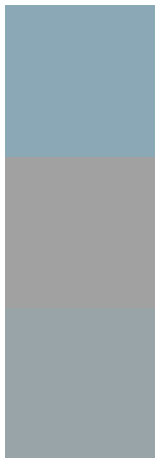
Deuteranomaly

35.6726, 36.5705, 50.5261

Tritanomaly

33.0936, 36.8716, 49.6287

Monochromacy



Original Color

33.1973, 36.9131, 50.1750

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.5738, 36.1878, 42.7515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1973, 36.9131, 50.1750 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(139, 168, 183)` looks like.

```
.text, #text, p{  
    color:rgb(139, 168, 183)  
}
```

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(139, 168, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 168, 183) }
```

Border

The CSS property to change the border of an element to XYZ 33.1973, 36.9131, 50.1750 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(139, 168, 183) }
```


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

```
.border{ border-color:rgb(139, 168, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 168, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 168, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 168, 183);  
box-shadow:4px 4px 4px 4px rgb(139, 168,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1973, 36.9131, 50.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 168, 183) }
```

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

```
.background{ background-color: rgb(139,  
168, 183) }
```

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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