

Converting Colors

XYZ(36.7206, 43.5921, 52.1270)

Have a look what the booklet for
XYZ(36.7206, 43.5921, 52.1270)
contains.

XYZ(36.7534, 43.6897, 52.3948)	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(36.7534, 43.6897,
52.3948)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB9B9
RGB	139, 185, 185
RGB Percent	55%, 73%, 73%
CMY	0.4549, 0.2745, 0.2745
CMYK	0.25, 0.00, 0.00, 0.27
HSL	180°, 25%, 64%
HSV	180°, 25%, 73%
XYZ	36.7534, 43.6897, 52.3948
YIQ	171.2460, -27.4160, -9.7520

Conversions

Conversions Part 2

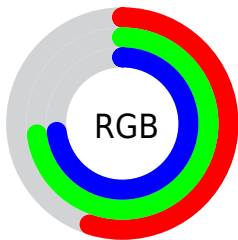
Format	Color
RYB	139, 162, 185
Decimal	9157049
CIELab	72.02, -15.13, -4.97
CIElCh	72, 15.924, 198.171
Yxy	43.6897, 0.2767, 0.3289
Android (android.graphics.Color)	4287347129 (0xFF8BB9B9)
YUV	171.2460, 6.7807, -28.2797
Hunter-Lab	66.0982, -16.4182, -0.7293

Details

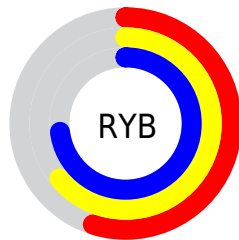
The XYZ color **36.7534, 43.6897, 52.3948** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.9020, 30.6449, 28.5561**, and the grayscale version is **38.8102, 40.8313, 44.4653**.

A 20% lighter version of the original color is **69.5806, 80.7308, 95.1344**, and **16.3466, 20.1947, 24.8662** is the 20% darker color. If you saturate the color by 10%, you get **33.9223, 42.2313, 52.2627**, and if you desaturate by 10%, it is **40.1098, 45.4211, 52.5533**.

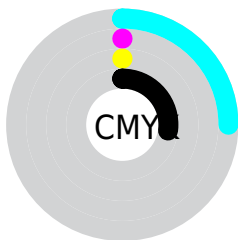
Distribution



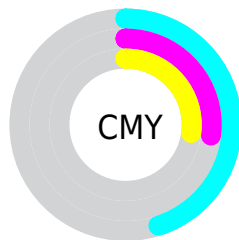
- Red (55%)
- Green (73%)
- Blue (73%)



- Red (55%)
- Yellow (64%)
- Blue (73%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (45%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7534, 43.6897, 52.3948 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 36.7534, 43.6897, 52.3948 by changing the saturation by 10% instead.

■ 36.7534, 43.6897,
52.3948

■ 36.7534, 43.6897,
52.3948

■ 323.6157,
361.4405, 412.9591

■ 25.1894, 30.4266,
36.9354

■ 69.5096, 80.7506,
95.1457

■ 16.3477, 20.1626,
24.8621

■ 91.4326, 105.3173,
123.2744

■ 9.8629, 12.5133,
15.7563

■ 117.5393,
134.4205, 156.4632

■ 5.3697, 7.0943,
9.1994

■ 148.1950,
168.4449, 195.1308

■ 2.5028, 3.5211,
4.7729

■ 183.7652,
207.7746, 239.6956

■ 0.8967, 1.4095,
2.0582

■ 224.6151,

■ 0.0000, 0.2237,

252.7942, 290.5763

0.5907

271.1102,
303.8881, 348.1912

■ 0.0000, 0.0000,
0.0000

■ 36.7534, 43.6897,
52.3948

■ 36.7534, 43.6897,
52.3948

■ 33.9223, 42.2313,
52.2627

■ 40.1098, 45.4211,
52.5533

■ 31.5863, 41.0271,
52.1529

■ 44.0122, 47.4328,
52.7365

■ 29.7182, 40.0641,
52.0649

■ 48.4847, 49.7385,
52.9463

■ 28.2865, 39.3260,
51.9974

■ 53.5489, 52.3492,
53.1838

■ 27.2557, 38.7946,
51.9486

■ 59.2253, 55.2754,
53.4500

■ 26.5851, 38.4489,
51.9167

■ 65.5334, 58.5274,
53.7458

■ 26.2250, 38.2633,
51.8993

■ 67.3475, 59.4626,
53.8312

■ 26.1061, 38.2020,
51.8935

■ 67.3476, 59.4626,
53.8317

■ 67.3477, 59.4627,
53.8322

Harmonies

Analogous

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



36.6156, 43.6897, 44.5665



36.7534, 43.6897, 52.3948



38.1354, 43.6897, 59.6235

Triad

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



36.7534, 43.6897, 52.3948



45.5448, 43.6897, 58.2723



42.6068, 43.6897, 34.3681

Complementary

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



36.7534, 43.6897, 52.3948



33.9020, 30.6449, 28.5561

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.



45.1113, 43.6897, 37.2625



36.7534, 43.6897, 52.3948



46.8564, 43.6897, 50.7068

Square

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



36.7534, 43.6897, 52.3948



43.1777, 43.6897, 63.2636



46.6943, 43.6897, 43.0521



39.9165, 43.6897, 34.7144

Rectangle

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



36.7534, 43.6897, 52.3948



39.6117, 43.6897, 62.8690



46.6943, 43.6897, 43.0521



43.5005, 43.6897, 34.9802

Sweetspot

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



36.7547, 43.6915, 52.3958



77.1624, 84.0925, 94.3685



32.7864, 42.1190, 30.8287



16.5425, 18.0811, 20.3396



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.



36.7547, 43.6915, 52.3958



62.8587, 76.7187, 93.6969



32.4615, 35.1048, 50.9660



9.2667, 10.2107, 11.5618



17.7751, 26.0110, 35.3333



0.6266, 0.9170, 1.2456

Inverse Universe

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



33.9020, 30.6449, 28.5561



56.8460, 49.2201, 43.4494



37.4550, 37.7513, 29.7396



9.0047, 9.0122, 9.3719



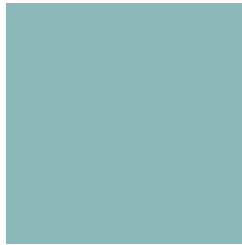
13.6234, 7.0231, 0.6378



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 36.7534, 43.6897, 52.3948 looks on a white background.

Color Contrast Check

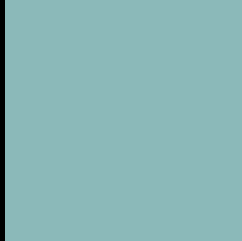
Large Text (above 18pt) WCAG AA × Fail

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 36.7534, 43.6897, 52.3948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

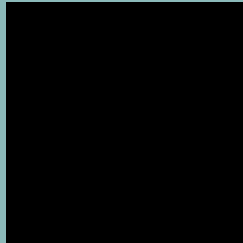
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7534, 43.6897, 52.3948

Background



This preview shows how black text looks on a background with the XYZ color 36.7534, 43.6897, 52.3948.

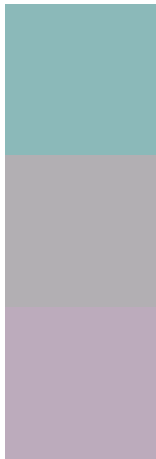


This preview shows how white text looks on a background with the XYZ color 36.7534, 43.6897,

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

36.7534, 43.6897, 52.3948

Protanopia

41.8268, 43.3796, 48.8164

Deuteranopia

44.3790, 43.4480, 53.6242



Tritanopia

38.2819, 43.6950, 59.8424

Trichromacy



Original Color

36.7534, 43.6897, 52.3948

Protanomaly

39.7704, 43.4689, 50.0103

Deuteranomaly

41.0725, 43.1846, 53.1844

Tritanomaly

37.7506, 43.7940, 56.9155

Monochromacy



Original Color

36.7534, 43.6897, 52.3948

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.6599, 41.5562, 47.1106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7534, 43.6897, 52.3948 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, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(139, 185, 185)  
}
```

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, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 185, 185) }
```

Border

The CSS property to change the border of an element to XYZ 36.7534, 43.6897, 52.3948 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, 185, 185) }
```


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

```
.border{ border-color:rgb(139, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(139, 185,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7534, 43.6897, 52.3948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 185, 185) }
```

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

```
.background{ background-color: rgb(139,  
185, 185) }
```

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