

Converting Colors

XYZ(38.7039, 43.2793, 53.4733)

Have a look what the booklet for
XYZ(38.7039, 43.2793, 53.4733)
contains.

XYZ(38.6173, 43.1004, 53.2976)	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(38.6173, 43.1004,
53.2976)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB4BB
RGB	154, 180, 187
RGB Percent	60%, 71%, 73%
CMY	0.3961, 0.2941, 0.2667
CMYK	0.18, 0.04, 0.00, 0.27
HSL	193°, 20%, 67%
HSV	193°, 18%, 73%
XYZ	38.6173, 43.1004, 53.2976
YIQ	173.0240, -17.7430, -3.3350

Conversions

Conversions Part 2

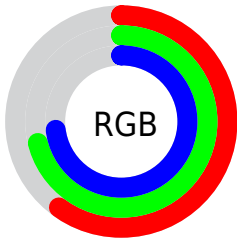
Format	Color
RYB	154, 169, 187
Decimal	10138811
CIELab	71.62, -7.36, -6.55
CIElCh	72, 9.850, 221.653
Yxy	43.1004, 0.2860, 0.3192
Android (android.graphics.Color)	4288328891 (0xFF9AB4BB)
YUV	173.0240, 6.8902, -16.6840
Hunter-Lab	65.6509, -9.8914, -2.1780

Details

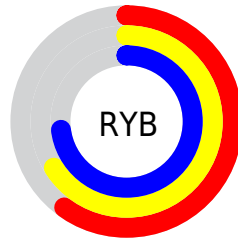
The XYZ color **38.6173, 43.1004, 53.2976** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.0714, 38.3875, 35.9228**, and the grayscale version is **39.7062, 41.7740, 45.4919**.

A 20% lighter version of the original color is **72.4676, 80.0173, 96.4194**, and **17.3719, 19.7248, 25.4459** is the 20% darker color. If you saturate the color by 10%, you get **34.5429, 39.8297, 52.8817**, and if you desaturate by 10%, it is **43.2716, 46.7064, 53.7490**.

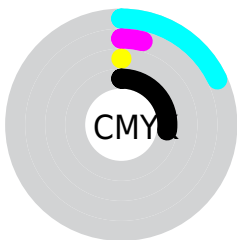
Distribution



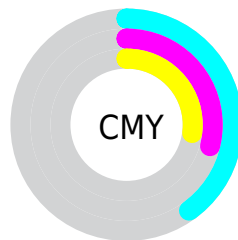
- Red (60%)
- Green (71%)
- Blue (73%)



- Red (60%)
- Yellow (66%)
- Blue (73%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (40%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6173, 43.1004, 53.2976 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 38.6173, 43.1004, 53.2976 by changing the saturation by 10% instead.

■ 38.6173, 43.1004,
53.2976

■ 38.6173, 43.1004,
53.2976

331.4959,
359.0245, 416.5245

■ 26.6415, 29.9639,
37.6510

■ 72.3511, 79.8623,
96.4881

■ 17.4394, 19.8112,
25.4122

■ 94.8399, 104.2566,
124.8692

■ 10.6455, 12.2579,
16.1626

121.5637,
133.1722, 158.3321

■ 5.8945, 6.9196,
9.4837

152.8879,
166.9935, 197.2955

■ 2.8211, 3.4118,
4.9569

189.1779,
206.1051, 242.1779

■ 1.0599, 1.3503,
2.1637

230.7990,

■ 0.0000, 0.1797,

250.8911, 293.3979

0.6533

278.1165,
301.7361, 351.3739

■ 0.0000, 0.0000,
0.0000

■ 38.6173, 43.1004,
53.2976

■ 38.6173, 43.1004,
53.2976

■ 34.5429, 39.8297,
52.8817

■ 43.2716, 46.7064,
53.7490

■ 31.0189, 36.8752,
52.4972

■ 48.5261, 50.6549,
54.2342

■ 28.0187, 34.2242,
52.1436

■ 54.4048, 54.9598,
54.7553

■ 25.5120, 31.8608,
51.8196

■ 60.9293, 59.6324,
55.3133

■ 23.4653, 29.7674,
51.5234

■ 68.1200, 64.6835,
55.9093

■ 21.8406, 27.9242,
51.2532

■ 71.7541, 67.9365,
56.3456

■ 20.5938, 26.3079,
51.0070

■ 72.7074, 69.8431,
56.6634

■ 19.6590, 24.8846,
50.7815

■ 73.6849, 71.7981,
56.9892

■ 19.4578, 24.5639,
50.7302

■ 74.6867, 73.8017,
57.3232

Harmonies

Analogous

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



37.9062, 43.1004, 48.8075



38.6173, 43.1004, 53.2976



39.9651, 43.1004, 56.1915

Triad

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



38.6173, 43.1004, 53.2976



44.0836, 43.1004, 49.8779



40.3217, 43.1004, 38.5012

Complementary

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



38.6173, 43.1004, 53.2976



39.0714, 38.3875, 35.9228

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.



41.9828, 43.1004, 38.7448



38.6173, 43.1004, 53.2976



44.1854, 43.1004, 45.0993

Square

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



38.6173, 43.1004, 53.2976



43.1329, 43.1004, 54.1268



43.4073, 43.1004, 41.0891



38.8722, 43.1004, 40.3994

Rectangle

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



38.6173, 43.1004, 53.2976



41.0582, 43.1004, 56.7149



43.4073, 43.1004, 41.0891



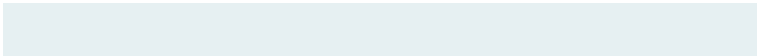
40.8732, 43.1004, 38.3390

Sweetspot

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



38.6186, 43.1022, 53.2986



79.8083, 85.4045, 96.4798



37.4953, 44.9706, 40.2383



17.4336, 18.7003, 21.2332



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.6186, 43.1022, 53.2986



66.3511, 74.9624, 95.1735



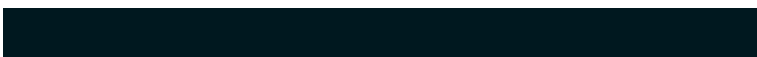
35.5544, 36.9738, 52.2772



9.6322, 10.4567, 12.1829



13.4602, 17.0320, 34.9710



0.5710, 0.7547, 1.3844

Inverse Universe

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



40.2883, 36.9722, 48.1950



69.9063, 62.1437, 84.2548



42.0689, 44.3825, 36.9220



9.8410, 9.6607, 11.5515



17.7948, 8.7491, 20.0110



0.7191, 0.3515, 0.9002

Previews

White Background



This preview shows how the XYZ color 38.6173, 43.1004, 53.2976 looks on a white background.

Color Contrast Check

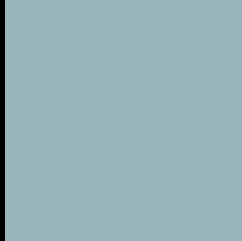
Large Text (above 18pt) WCAG AA × Fail

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 38.6173, 43.1004, 53.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

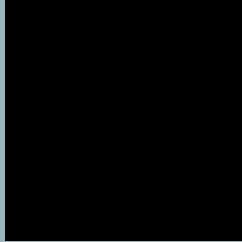
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6173, 43.1004, 53.2976

Background



This preview shows how black text looks on a background with the XYZ color 38.6173, 43.1004, 53.2976.



This preview shows how white text looks on a background with the XYZ color 38.6173, 43.1004,

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

38.6173, 43.1004, 53.2976

Protanopia

41.5878, 42.9211, 50.8924

Deuteranopia

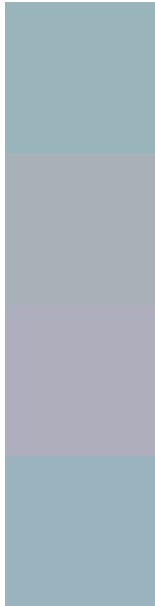
43.8097, 42.8627, 54.1084



Tritanopia

39.2633, 43.0590, 56.6939

Trichromacy



Original Color

38.6173, 43.1004, 53.2976

Protanomaly

40.3255, 42.8362, 51.4902

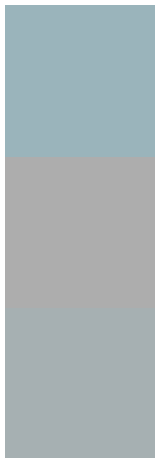
Deuteranomaly

41.6687, 42.9016, 53.6616

Tritanomaly

39.0416, 42.9703, 55.5266

Monochromacy



Original Color

38.6173, 43.1004, 53.2976

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.2871, 42.3720, 48.2274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6173, 43.1004, 53.2976 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(154, 180, 187)` looks like.

```
.text, #text, p{  
    color:rgb(154, 180, 187)  
}
```

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(154, 180, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 180, 187) }
```

Border

The CSS property to change the border of an element to XYZ 38.6173, 43.1004, 53.2976 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(154, 180, 187) }
```


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

```
.border{ border-color:rgb(154, 180, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 180, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 180, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 180, 187);  
box-shadow:4px 4px 4px 4px rgb(154, 180,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6173, 43.1004, 53.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 180, 187) }
```

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

```
.background{ background-color: rgb(154,  
180, 187) }
```

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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