

Converting Colors

XYZ(40.3622, 46.4882, 53.5094)

Have a look what the booklet for
XYZ(40.3622, 46.4882, 53.5094)
contains.

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Color

**XYZ(40.3637, 46.4802,
53.2986)**

Conversions

Conversions Part 1

Format	Color
Hex	9BBCBA
RGB	155, 188, 186
RGB Percent	61%, 74%, 73%
CMY	0.3922, 0.2627, 0.2706
CMYK	0.18, 0.00, 0.01, 0.26
HSL	176°, 20%, 67%
HSV	176°, 18%, 74%
XYZ	40.3637, 46.4802, 53.2986
YIQ	177.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

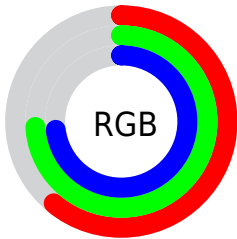
Format	Color
RYB	155, 172, 188
Decimal	10206394
CIELab	73.86, -11.48, -2.70
CIELCh	74, 11.796, 193.217
Yxy	46.4802, 0.2880, 0.3317
Android (android.graphics.Color)	4288396474 (0xFF9BBCBA)
YUV	177.9050, 3.9908, -20.0877
Hunter-Lab	68.1764, -13.6281, 1.3720

Details

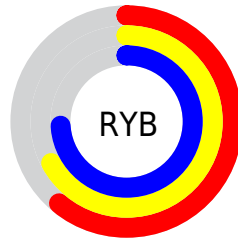
The XYZ color **40.3637, 46.4802, 53.2986** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.5478, 36.5696, 36.9271**, and the grayscale version is **42.2545, 44.4551, 48.4116**.

A 20% lighter version of the original color is **74.9560, 84.8138, 96.4245**, and **18.4911, 21.9050, 25.4438** is the 20% darker color. If you saturate the color by 10%, you get **36.9124, 44.7162, 52.5074**, and if you desaturate by 10%, it is **44.3804, 48.5381, 54.1233**.

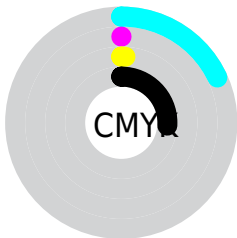
Distribution



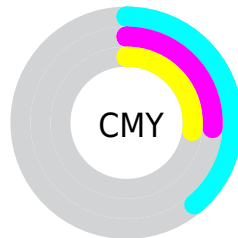
- Red (61%)
- Green (74%)
- Blue (73%)



- Red (61%)
- Yellow (67%)
- Blue (74%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (39%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3637, 46.4802, 53.2986 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 40.3637, 46.4802, 53.2986 by changing the saturation by 10% instead.

■ 40.3637, 46.4802,
53.2986

■ 40.3637, 46.4802,
53.2986

338.7623,
372.7359, 416.5284

■ 28.0077, 32.6249,
37.6518

■ 74.9978, 84.9372,
96.4896

■ 18.4720, 21.8393,
25.4129

■ 98.0067, 110.3077,
124.8709

■ 11.3911, 13.7388,
16.1631

125.2972,
140.2854, 158.3342

■ 6.3998, 7.9393,
9.4840

157.2348,
175.2547, 197.2979

■ 3.1326, 4.0561,
4.9571

194.1847,
215.6001, 242.1807

■ 1.2243, 1.7050,
2.1638

236.5124,

■ 0.1254, 0.4269,

261.7057, 293.4010

0.6534

284.5831,
313.9562, 351.3774

■ 0.0000, 0.0000,
0.0000

■ 40.3637, 46.4802,
53.2986

■ 40.3637, 46.4802,
53.2986

■ 36.9124, 44.7162,
52.5074

■ 44.3804, 48.5381,
54.1233

■ 33.9965, 43.2268,
51.7453

■ 48.9828, 50.8965,
54.9794

■ 31.5896, 41.9998,
51.0121

■ 54.1950, 53.5692,
55.8692

■ 29.6610, 41.0192,
50.3063

■ 60.0386, 56.5673,
56.7936

■ 28.1771, 40.2677,
49.6263

■ 66.5341, 59.9013,
57.7537

■ 27.0996, 39.7256,
48.9703

■ 68.8326, 61.0716,
58.5224

■ 26.3841, 39.3700,
48.3363

■ 68.9603, 61.1226,
59.1947

■ 25.9650, 39.1672,
47.7211

■ 69.0889, 61.1741,
59.8721

■ 25.8796, 39.1264,
47.5722

■ 69.2185, 61.2259,
60.5548

Harmonies

Analogous

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



40.4249, 46.4802, 47.3438



40.3637, 46.4802, 53.2986



41.3011, 46.4802, 58.9453

Triad

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



40.3637, 46.4802, 53.2986



47.0002, 46.4802, 59.5101



45.3539, 46.4802, 40.3281

Complementary

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



40.3637, 46.4802, 53.2986



38.5478, 36.5696, 36.9271

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.



47.1856, 46.4802, 43.0983



40.3637, 46.4802, 53.2986



48.1565, 46.4802, 54.0210

Square

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



40.3637, 46.4802, 53.2986



45.1074, 46.4802, 62.7183



48.2254, 46.4802, 48.0115



43.2615, 46.4802, 40.1683

Rectangle

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



40.3637, 46.4802, 53.2986



42.3839, 46.4802, 61.6469



48.2254, 46.4802, 48.0115



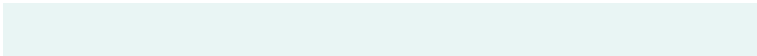
46.0221, 46.4802, 40.9743

Sweetspot

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



40.3650, 46.4821, 53.2996



82.3906, 88.9687, 98.4638



37.8446, 45.5232, 37.8033



17.5964, 19.0701, 21.1510



90.7827, 95.5105, 104.0109



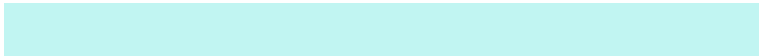
18.6292, 19.5994, 21.3438

Same Dimension

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



40.3650, 46.4821, 53.2996



70.6634, 82.9645, 96.0424



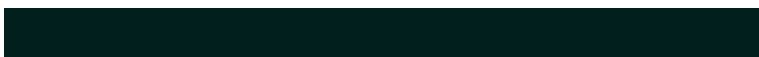
37.6741, 40.7572, 53.4605



9.7829, 10.7993, 12.1063



17.6294, 26.6420, 32.4408



0.6982, 1.0467, 1.3110

Inverse Universe

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



38.5478, 36.5696, 36.9271



66.7653, 61.6989, 60.9205



40.9009, 41.5472, 36.8748



9.5530, 9.5455, 10.0352



14.1728, 7.3003, 0.9376



0.5633, 0.2892, 0.0795

Previews

White Background



This preview shows how the XYZ color 40.3637, 46.4802, 53.2986 looks on a white background.

Color Contrast Check

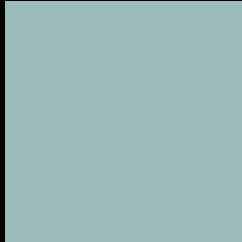
Large Text (above 18pt) WCAG AA × Fail

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 40.3637, 46.4802, 53.2986 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 40.3637, 46.4802, 53.2986

Background



This preview shows how black text looks on a background with the XYZ color 40.3637, 46.4802, 53.2986.



This preview shows how white text looks on a background with the XYZ color 40.3637, 46.4802,

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

40.3637, 46.4802, 53.2986

Protanopia

44.4289, 46.1691, 50.2859

Deuteranopia

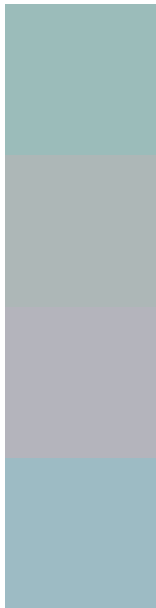
47.2163, 46.3269, 54.5975



Tritanopia

42.2021, 46.6040, 62.0295

Trichromacy



Original Color

40.3637, 46.4802, 53.2986

Protanomaly

42.7143, 46.1701, 51.4602

Deuteranomaly

44.2207, 45.9767, 54.1207

Tritanomaly

41.6388, 46.6943, 59.0429

Monochromacy



Original Color

40.3637, 46.4802, 53.2986

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.6460, 45.3381, 50.2722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3637, 46.4802, 53.2986 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(155, 188, 186)` looks like.

```
.text, #text, p{  
    color:rgb(155, 188, 186)  
}
```

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(155, 188, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 188, 186) }
```

Border

The CSS property to change the border of an element to XYZ 40.3637, 46.4802, 53.2986 is called "border". The border property can be set on classes, ids or directly on the HTML element.

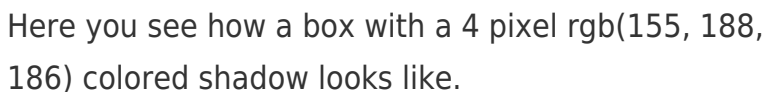
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 188, 186) }
```


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

```
.border{ border-color:rgb(155, 188, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 188, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 188, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 188, 186); box-shadow:4px 4px 4px 4px rgb(155, 188, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3637, 46.4802, 53.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 188, 186) }
```

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

```
.background{ background-color: rgb(155,  
188, 186) }
```

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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