

Converting Colors

XYZ(37.9094, 46.1154, 52.2063)

Have a look what the booklet for
XYZ(37.9094, 46.1154, 52.2063)
contains.

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Color

**XYZ(37.9300, 46.2113,
52.2679)**

Conversions

Conversions Part 1

Format	Color
Hex	8BBFB8
RGB	139, 191, 184
RGB Percent	55%, 75%, 72%
CMY	0.4549, 0.2510, 0.2784
CMYK	0.27, 0.00, 0.04, 0.25
HSL	172°, 29%, 65%
HSV	172°, 27%, 75%
XYZ	37.9300, 46.2113, 52.2679
YIQ	174.6540, -28.7450, -13.2010

Conversions

Conversions Part 2

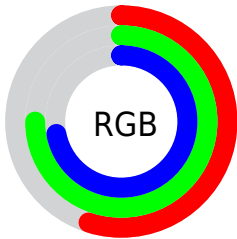
Format	Color
R_{YB}	139, 167, 191
Decimal	9158584
CIE Lab	73.68, -18.45, -1.97
CIE LCh	74, 18.551, 186.108
Yxy	46.2113, 0.2781, 0.3388
Android (android.graphics.Color)	4287348664 (0xFF8BBFB8)
YUV	174.6540, 4.6076, -31.2686
Hunter-Lab	67.9789, -19.3659, 1.9981

Details

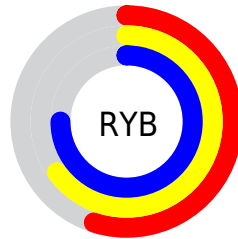
The XYZ color **37.9300, 46.2113, 52.2679** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.9084, 31.6182, 31.4064**, and the grayscale version is **40.5575, 42.6696, 46.4672**.

A 20% lighter version of the original color is **71.2371, 84.2821, 94.9516**, and **16.9729, 21.5563, 24.7389** is the 20% darker color. If you saturate the color by 10%, you get **34.7484, 44.6032, 50.7252**, and if you desaturate by 10%, it is **41.6764, 48.1124, 53.8646**.

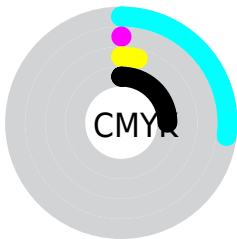
Distribution



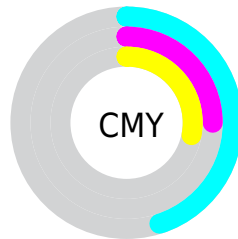
- Red (55%)
- Green (75%)
- Blue (72%)



- Red (55%)
- Yellow (65%)
- Blue (75%)



- Cyan (27%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)





- Cyan (45%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9300, 46.2113, 52.2679 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 37.9300, 46.2113, 52.2679 by changing the saturation by 10% instead.


 37.9300, 46.2113,
52.2679


 37.9300, 46.2113,
52.2679


328.6056,
371.6575, 412.4563


 26.1053, 32.4126,
36.8349


 71.3054, 84.5351,
94.9568

 17.0356, 21.6768,
24.7849


 93.5869, 109.8291,
123.0499

 10.3553, 13.6196,
15.6993


 120.0847,
139.7235, 156.2000

 5.6992, 7.8566,
9.1596

151.1641,
174.6029, 194.8258

 2.7020, 4.0033,
4.7472

187.1906,
214.8516, 239.3458

 0.9982, 1.6754,
2.0436

228.5294,

 0.0000, 0.4077,

260.8540, 290.1785

0.5819

275.5460,
312.9945, 347.7425

■ 0.0000, 0.0000,
0.0000

■ 37.9300, 46.2113,
52.2679

■ 37.9300, 46.2113,
52.2679

■ 34.7484, 44.6032,
50.7252

■ 41.6764, 48.1124,
53.8646

■ 32.0985, 43.2674,
49.2318

■ 46.0105, 50.3147,
55.5136

■ 29.9501, 42.1896,
47.7872

■ 50.9587, 52.8330,
57.2172

■ 28.2682, 41.3517,
46.3897

■ 56.5448, 55.6796,
58.9766

■ 27.0131, 40.7334,
45.0372

■ 62.7913, 58.8660,
60.7930

■ 26.1389, 40.3108,
43.7274

■ 69.7193, 62.4033,
62.6676

■ 25.5806, 40.0505,
42.4572

■ 70.5330, 62.7878,
64.2824

■ 25.4490, 39.9902,
42.1102

■ 70.8402, 62.9107,
65.9000

■ 71.1525, 63.0356,
67.5445

Harmonies

Analogous

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



38.3907, 46.2113, 43.3319



37.9300, 46.2113, 52.2679



39.0091, 46.2113, 61.7612

Triad

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



37.9300, 46.2113, 52.2679



47.7554, 46.2113, 66.4118



46.5337, 46.2113, 35.5078

Complementary

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



37.9300, 46.2113, 52.2679



35.9084, 31.6182, 31.4064

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.



49.2320, 46.2113, 40.3805



37.9300, 46.2113, 52.2679



49.9616, 46.2113, 58.0134

Square

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



37.9300, 46.2113, 52.2679



44.5987, 46.2113, 70.5575



50.5150, 46.2113, 48.4138



43.2530, 46.2113, 34.3715

Rectangle

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



37.9300, 46.2113, 52.2679



40.4897, 46.2113, 66.8963



50.5150, 46.2113, 48.4138



47.5439, 46.2113, 36.7305

Sweetspot

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



37.9313, 46.2132, 52.2690



81.6574, 89.7316, 99.1507



35.2892, 45.3122, 31.3131



17.6593, 19.5660, 21.6727



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



37.9313, 46.2132, 52.2690



64.2285, 80.8900, 91.8582



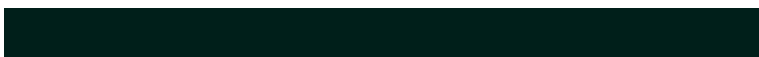
34.9581, 39.0627, 54.9898



9.7518, 10.7868, 11.9425



16.7457, 26.2886, 27.7872



0.6715, 1.0360, 1.1702

Inverse Universe

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



35.9084, 31.6182, 31.4064



59.9751, 50.1732, 47.9702



38.2385, 37.1236, 29.5771



9.5811, 9.5567, 10.1830



14.2583, 7.3345, 1.3878



0.5757, 0.2942, 0.1448

Previews

White Background



This preview shows how the XYZ color 37.9300, 46.2113, 52.2679 looks on a white background.

Color Contrast Check

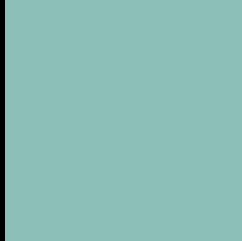
Large Text (above 18pt) WCAG AA × Fail

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 37.9300, 46.2113, 52.2679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

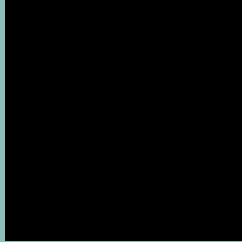
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9300, 46.2113, 52.2679

Background



This preview shows how black text looks on a background with the XYZ color 37.9300, 46.2113, 52.2679.



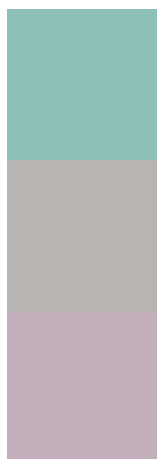
This preview shows how white text looks on a background with the XYZ color 37.9300, 46.2113,

52.2679.

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

37.9300, 46.2113, 52.2679

Protanopia

44.0242, 46.0072, 48.1549

Deuteranopia

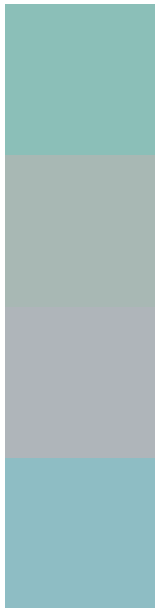
46.8053, 45.8499, 53.3967



Tritanopia

40.0904, 46.1179, 63.2886

Trichromacy



Original Color

37.9300, 46.2113, 52.2679

Protanomaly

41.5272, 45.9011, 49.8511

Deuteranomaly

43.0660, 45.7069, 53.0069

Tritanomaly

39.3167, 46.1315, 59.0566

Monochromacy



Original Color

37.9300, 46.2113, 52.2679

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.4600, 43.9435, 48.5217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9300, 46.2113, 52.2679 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, 191, 184)` looks like.

```
.text, #text, p{  
    color:rgb(139, 191, 184)  
}
```

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, 191, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 191, 184) }
```

Border

The CSS property to change the border of an element to XYZ 37.9300, 46.2113, 52.2679 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, 191, 184) }
```


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

```
.border{ border-color:rgb(139, 191, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 191, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 191, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 191, 184);  
box-shadow:4px 4px 4px 4px rgb(139, 191,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9300, 46.2113, 52.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 191, 184) }
```

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

```
.background{ background-color: rgb(139,  
191, 184) }
```

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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