

Converting Colors

XYZ(37.0199, 46.0967, 46.0866)

Have a look what the booklet for
XYZ(37.0199, 46.0967, 46.0866)
contains.

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Color

**XYZ(37.1112, 46.2533,
46.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC0AC
RGB	140, 192, 172
RGB Percent	55%, 75%, 67%
CMY	0.4510, 0.2470, 0.3255
CMYK	0.27, 0.00, 0.10, 0.25
HSL	157°, 29%, 65%
HSV	157°, 27%, 75%
XYZ	37.1112, 46.2533, 46.0015
YIQ	174.1720, -24.5720, -17.2440

Conversions

Conversions Part 2

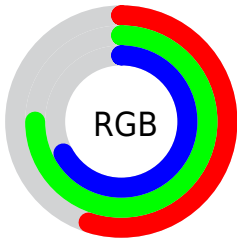
Format	Color
RYB	140, 172, 192
Decimal	9224364
CIELab	73.71, -21.23, 4.60
CIELCh	74, 21.724, 167.777
Yxy	46.2533, 0.2869, 0.3575
Android (android.graphics.Color)	4287414444 (0xFF8CC0AC)
YUV	174.1720, -1.0708, -29.9688
Hunter-Lab	68.0098, -21.6142, 7.5034

Details

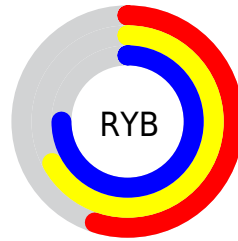
The XYZ color **37.1112, 46.2533, 46.0015** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.4630, 32.5018, 37.5585**, and the grayscale version is **40.3359, 42.4365, 46.2133**.

A 20% lighter version of the original color is **70.2465, 84.8995, 85.3579**, and **16.5031, 21.6077, 21.0702** is the 20% darker color. If you saturate the color by 10%, you get **33.4644, 44.4543, 42.2311**, and if you desaturate by 10%, it is **41.3645, 48.3629, 50.0080**.

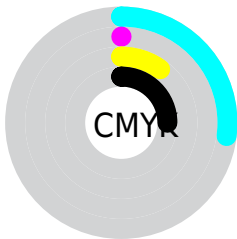
Distribution



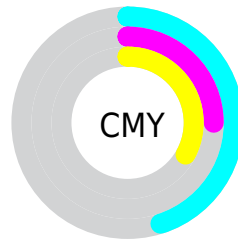
- Red (55%)
- Green (75%)
- Blue (67%)



- Red (55%)
- Yellow (67%)
- Blue (75%)



- Cyan (27%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)



- Cyan (45%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1112, 46.2533, 46.0015 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 37.1112, 46.2533, 46.0015 by changing the saturation by 10% instead.

■ 37.1112, 46.2533,
46.0015

■ 37.1112, 46.2533,
46.0015

325.1389,
371.8261, 387.0924

■ 25.4677, 32.4458,
31.8983

■ 70.0565, 84.5980,
85.5555

■ 16.5564, 21.7022,
21.0197

■ 92.0890, 109.9039,
111.8435

■ 10.0121, 13.6382,
12.9470

■ 118.3152,
139.8113, 143.0302

■ 5.4693, 7.8695,
7.2618

149.1004,
174.7048, 179.5340

■ 2.5627, 4.0116,
3.5454

184.8100,
214.9686, 221.7736

■ 0.9270, 1.6800,
1.3794

225.8094,

■ 0.0000, 0.4107,

260.9871, 270.1675

0.1256

272.4639,
313.1448, 325.1343

■ 0.0000, 0.0000,
0.0000

■ 37.1112, 46.2533,
46.0015

■ 37.1112, 46.2533,
46.0015

■ 33.4644, 44.4543,
42.2311

■ 41.3645, 48.3629,
50.0080

■ 30.3904, 42.9447,
38.6891

■ 46.2483, 50.7918,
54.2521

■ 27.8577, 41.7099,
35.3715

■ 51.7899, 53.5550,
58.7392

■ 25.8303, 40.7312,
32.2731

■ 58.0139, 56.6652,
63.4735

■ 24.2676, 39.9879,
29.3886

■ 64.9434, 60.1344,
68.4592

■ 23.1223, 39.4555,
26.7120

■ 72.5258, 63.9351,
73.6967

■ 22.3292, 39.1006,
24.2365

■ 73.5042, 64.3265,
78.8493

■ 22.1295, 39.0126,
23.5503

■ 74.5262, 64.7353,
84.2309

■ 75.5922, 65.1617,
89.8444

Harmonies

Analogous

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



38.7005, 46.2533, 37.4052



37.1112, 46.2533, 46.0015



37.2774, 46.2533, 57.1225

Triad

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



37.1112, 46.2533, 46.0015



46.2636, 46.2533, 73.3920



49.1321, 46.2533, 36.2255

Complementary

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



37.1112, 46.2533, 46.0015



37.4630, 32.5018, 37.5585

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.



51.4023, 46.2533, 44.1571



37.1112, 46.2533, 46.0015



49.6808, 46.2533, 66.0107

Square

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



37.1112, 46.2533, 46.0015



42.4122, 46.2533, 74.0782



51.6088, 46.2533, 54.9897



45.5498, 46.2533, 32.3394

Rectangle

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



37.1112, 46.2533, 46.0015



38.3621, 46.2533, 64.5117



51.6088, 46.2533, 54.9897



50.0828, 46.2533, 38.4491

Sweetspot

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



37.1125, 46.2552, 46.0025



82.8168, 91.5403, 97.4741



38.2424, 47.1511, 31.8970



17.4663, 19.4888, 20.6562



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.



37.1125, 46.2552, 46.0025



62.8609, 81.6432, 78.8984



38.0590, 44.8389, 56.5203



10.1990, 11.3607, 12.0514



14.9291, 26.2657, 16.0514



0.6779, 1.1480, 0.8665

Inverse Universe

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



37.4630, 32.5018, 37.5585



63.6133, 52.2325, 60.8555



36.6292, 33.4130, 29.3303



10.2300, 10.1406, 11.3015



15.4913, 7.8863, 5.2335



0.7031, 0.3542, 0.4037

Previews

White Background



This preview shows how the XYZ color 37.1112, 46.2533, 46.0015 looks on a white background.

Color Contrast Check

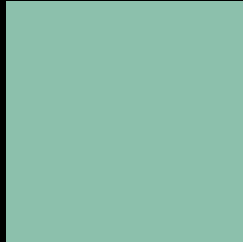
Large Text (above 18pt) WCAG AA × Fail

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 37.1112, 46.2533, 46.0015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

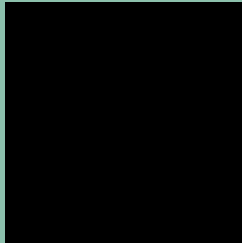
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

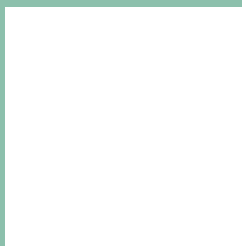
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.1112, 46.2533, 46.0015

Background



This preview shows how black text looks on a background with the XYZ color 37.1112, 46.2533, 46.0015.



This preview shows how white text looks on a background with the XYZ color 37.1112, 46.2533,

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

37.1112, 46.2533, 46.0015

Protanopia

43.6063, 45.9239, 42.1632

Deuteranopia

46.9859, 46.0739, 47.4910



Tritanopia

40.6168, 46.3892, 63.3132

Trichromacy



Original Color

37.1112, 46.2533, 46.0015

Protanomaly

40.7859, 45.6542, 43.7083

Deuteranomaly

42.6218, 45.6079, 47.1142

Tritanomaly

39.2136, 46.1303, 56.7064

Monochromacy



Original Color

37.1112, 46.2533, 46.0015

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.9670, 43.7463, 45.9253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1112, 46.2533, 46.0015 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(140, 192, 172)` looks like.

```
.text, #text, p{  
    color:rgb(140, 192, 172)  
}
```

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(140, 192, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 192, 172) }
```

Border

The CSS property to change the border of an element to XYZ 37.1112, 46.2533, 46.0015 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(140, 192, 172) }
```


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

```
.border{ border-color:rgb(140, 192, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 192, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 192, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 192, 172); box-shadow:4px 4px 4px 4px rgb(140, 192, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1112, 46.2533, 46.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 192, 172) }
```

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

```
.background{ background-color: rgb(140,  
192, 172) }
```

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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