

Converting Colors

XYZ(37.3488, 44.4164, 53.2843)

Have a look what the booklet for
XYZ(37.3488, 44.4164, 53.2843)
contains.

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Color

**XYZ(37.2370, 44.2384,
53.0306)**

Conversions

Conversions Part 1

Format	Color
Hex	8CBABA
RGB	140, 186, 186
RGB Percent	55%, 73%, 73%
CMY	0.4510, 0.2706, 0.2706
CMYK	0.25, 0.00, 0.00, 0.27
HSL	180°, 25%, 64%
HSV	180°, 25%, 73%
XYZ	37.2370, 44.2384, 53.0306
YIQ	172.2460, -27.4160, -9.7520

Conversions

Conversions Part 2

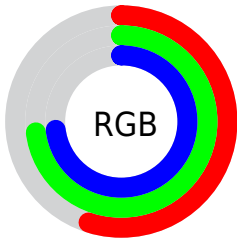
Format	Color
RYB	140, 163, 186
Decimal	9222842
CIELab	72.39, -15.12, -4.96
CIElCh	72, 15.915, 198.176
Yxy	44.2384, 0.2768, 0.3289
Android (android.graphics.Color)	4287412922 (0xFF8CBABA)
YUV	172.2460, 6.7807, -28.2797
Hunter-Lab	66.5120, -16.4619, -0.7141

Details

The XYZ color **37.2370, 44.2384, 53.0306** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.3629, 31.0899, 29.0025**, and the grayscale version is **39.3149, 41.3623, 45.0436**.

A 20% lighter version of the original color is **70.2848, 81.5172, 96.0344**, and **16.6457, 20.5432, 25.2782** is the 20% darker color. If you saturate the color by 10%, you get **34.3642, 42.7586, 52.8966**, and if you desaturate by 10%, it is **40.6422, 45.9950, 53.1914**.

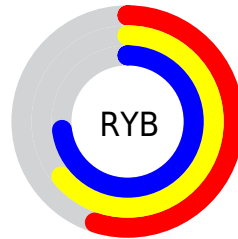
Distribution



Red (55%)

Green (73%)

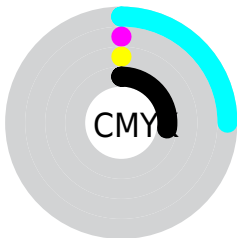
Blue (73%)



Red (55%)

Yellow (64%)

Blue (73%)

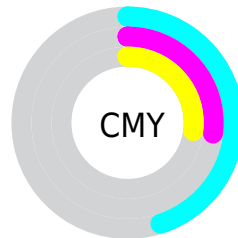


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (27%)



Cyan (45%)


Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2370, 44.2384, 53.0306 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 37.2370, 44.2384, 53.0306 by changing the saturation by 10% instead.


 37.2370, 44.2384,
53.0306


 37.2370, 44.2384,
53.0306


325.6732,
363.6802, 415.4721


 25.5656, 30.8580,
37.4393


 70.2486, 81.5764,
96.0914

 16.6299, 20.4907,
25.2494


 92.3195, 106.3027,
124.3980

 10.0646, 12.7523,
16.0422

 118.5876,
135.5798, 157.7801

 5.5044, 7.2582,
9.3994

149.4182,
169.7920, 196.6562

 2.5839, 3.6241,
4.9022

185.1767,
209.3237, 241.4450

 0.9378, 1.4656,
2.1323

226.2285,

 0.0000, 0.2643,

254.5594, 292.5648

0.6349

272.9389,
305.8835, 350.4344

■ 0.0000, 0.0000,
0.0000

■ 37.2370, 44.2384,
53.0306

■ 37.2370, 44.2384,
53.0306

■ 34.3642, 42.7586,
52.8966

■ 40.6422, 45.9950,
53.1914

■ 31.9933, 41.5363,
52.7851

■ 44.6006, 48.0356,
53.3772

■ 30.0966, 40.5585,
52.6958

■ 49.1368, 50.3741,
53.5901

■ 28.6423, 39.8088,
52.6272

■ 54.2726, 53.0217,
53.8310

■ 27.5945, 39.2687,
52.5776

■ 60.0288, 55.9891,
54.1009

■ 26.9120, 38.9169,
52.5451

■ 66.4250, 59.2864,
54.4008

■ 26.5447, 38.7275,
52.5274

■ 67.6635, 59.9249,
54.4593

■ 26.4220, 38.6643,
52.5213

■ 67.6636, 59.9249,
54.4598

■ 67.6637, 59.9249,
54.4604

Harmonies

Analogous

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



37.0978, 44.2384, 45.1417



37.2370, 44.2384, 53.0306



38.6305, 44.2384, 60.3117

Triad

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



37.2370, 44.2384, 53.0306



46.0974, 44.2384, 58.9483



43.1362, 44.2384, 34.8558

Complementary

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



37.2370, 44.2384, 53.0306



34.3629, 31.0899, 29.0025

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.



45.6598, 44.2384, 37.7749



37.2370, 44.2384, 53.0306



47.4185, 44.2384, 51.3268

Square

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



37.2370, 44.2384, 53.0306



43.7125, 44.2384, 63.9755



47.2549, 44.2384, 43.6123



40.4249, 44.2384, 35.2059

Rectangle

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



37.2370, 44.2384, 53.0306



40.1187, 44.2384, 63.5794



47.2549, 44.2384, 43.6123



44.0367, 44.2384, 35.4731

Sweetspot

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



37.2383, 44.2402, 53.0316



79.0337, 86.1336, 96.6606



33.2387, 42.6553, 31.2932



17.3061, 18.9173, 21.2817



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.



37.2383, 44.2402, 53.0316



64.3764, 78.5776, 95.9724



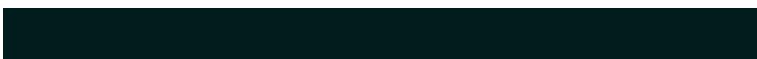
32.9131, 35.5895, 51.5911



9.2667, 10.2107, 11.5618



17.7751, 26.0110, 35.3332



0.6266, 0.9170, 1.2456

Inverse Universe

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



34.3629, 31.0899, 29.0025



58.2149, 50.3982, 44.4812



37.9463, 38.2570, 30.1961



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 37.2370, 44.2384, 53.0306 looks on a white background.

Color Contrast Check

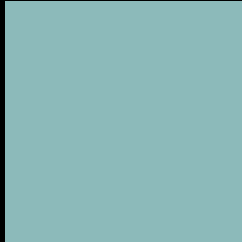
Large Text (above 18pt) WCAG AA × Fail

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 37.2370, 44.2384, 53.0306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

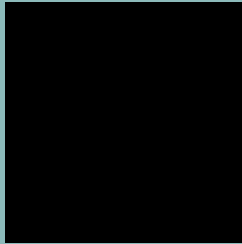
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2370, 44.2384, 53.0306

Background



This preview shows how black text looks on a background with the XYZ color 37.2370, 44.2384, 53.0306.



This preview shows how white text looks on a background with the XYZ color 37.2370, 44.2384,

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

37.2370, 44.2384, 53.0306

Protanopia

42.3540, 43.9297, 49.4270

Deuteranopia

44.9241, 43.9980, 54.2688



Tritanopia

38.7770, 44.2441, 60.5290

Trichromacy



Original Color

37.2370, 44.2384, 53.0306

Protanomaly

40.2818, 44.0192, 50.6295

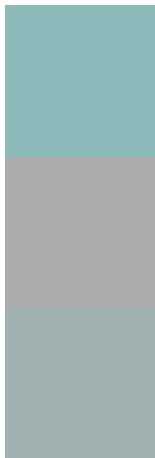
Deuteranomaly

41.5938, 43.7330, 53.8260

Tritanomaly

38.2419, 44.3437, 57.5826

Monochromacy



Original Color

37.2370, 44.2384, 53.0306

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.1552, 42.0922, 47.7086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2370, 44.2384, 53.0306 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, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(140, 186, 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(140, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 186, 186) }
```

Border

The CSS property to change the border of an element to XYZ 37.2370, 44.2384, 53.0306 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, 186, 186) }
```


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

```
.border{ border-color:rgb(140, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(140, 186,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2370, 44.2384, 53.0306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 186, 186) }
```

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

```
.background{ background-color: rgb(140,  
186, 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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