

Converting Colors

XYZ(37.3090, 44.8153, 53.6381)

Have a look what the booklet for
XYZ(37.3090, 44.8153, 53.6381)
contains.

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Color

**XYZ(37.4341, 44.9576,
53.7184)**

Conversions

Conversions Part 1

Format	Color
Hex	8ABCBB
RGB	138, 188, 187
RGB Percent	54%, 74%, 73%
CMY	0.4588, 0.2627, 0.2667
CMYK	0.27, 0.00, 0.01, 0.26
HSL	179°, 27%, 64%
HSV	179°, 27%, 74%
XYZ	37.4341, 44.9576, 53.7184
YIQ	172.9360, -29.4790, -10.9110

Conversions

Conversions Part 2

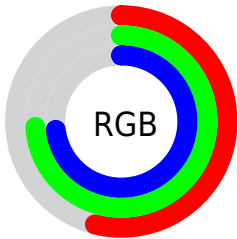
Format	Color
R_{YB}	138, 163, 188
Decimal	9092283
CIE _{Lab}	72.86, -16.53, -4.82
CIE _{LCh}	73, 17.218, 196.258
Yxy	44.9576, 0.2750, 0.3303
Android (android.graphics.Color)	4287282363 (0xFF8ABCBB)
YUV	172.9360, 6.9336, -30.6389
Hunter-Lab	67.0504, -17.6821, -0.5657

Details

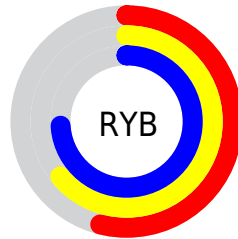
The XYZ color **37.4341, 44.9576, 53.7184** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.4893, 30.7337, 28.5423**, and the grayscale version is **39.6655, 41.7312, 45.4452**.

A 20% lighter version of the original color is **70.5207, 82.5099, 97.0032**, and **16.8048, 21.0276, 25.7273** is the 20% darker color. If you saturate the color by 10%, you get **34.5490, 43.4761, 53.3740**, and if you desaturate by 10%, it is **40.8604, 46.7204, 54.0906**.

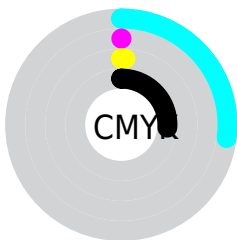
Distribution



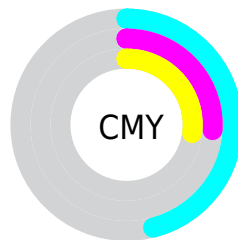
- Red (54%)
- Green (74%)
- Blue (73%)



- Red (54%)
- Yellow (64%)
- Blue (74%)



- Cyan (27%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (46%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4341, 44.9576, 53.7184 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 37.4341, 44.9576, 53.7184 by changing the saturation by 10% instead.

■ 37.4341, 44.9576,
53.7184

■ 37.4341, 44.9576,
53.7184

326.5091,
366.6018, 418.1795

■ 25.7190, 31.4240,
37.9849

■ 70.5494, 82.6568,
97.1129

■ 16.7451, 20.9219,
25.6693

■ 92.6804, 107.5912,
125.6110

■ 10.1471, 13.0670,
16.3528

■ 119.0140,
137.0947, 159.2010

■ 5.5596, 7.4747,
9.6171

149.9156,
171.5516, 198.3016

■ 2.6173, 3.7607,
5.0436

185.7505,
211.3464, 243.3311

■ 0.9548, 1.5406,
2.2137

226.8842,

■ 0.0000, 0.3171,

256.8634, 294.7083

0.6822

273.6819,
308.4871, 352.8516

■ 0.0000, 0.0000,
0.0000

■ 37.4341, 44.9576,
53.7184

■ 37.4341, 44.9576,
53.7184

■ 34.5490, 43.4761,
53.3740

■ 40.8604, 46.7204,
54.0906

■ 32.1733, 42.2560,
53.0530

■ 44.8496, 48.7722,
54.4888

■ 30.2783, 41.2837,
52.7550

■ 49.4272, 51.1274,
54.9151

■ 28.8304, 40.5419,
52.4785

■ 54.6158, 53.7975,
55.3705

■ 27.7920, 40.0112,
52.2217

■ 60.4370, 56.7937,
55.8561

■ 27.1194, 39.6691,
51.9826

■ 66.9112, 60.1265,
56.3728

■ 26.7540, 39.4853,
51.7585

■ 68.4789, 60.9300,
56.6604

■ 26.6604, 39.4386,
51.6837

■ 68.5201, 60.9465,
56.8771

■ 68.5614, 60.9630,
57.0945

Harmonies

Analogous

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



37.3742, 44.9576, 45.1345



37.4341, 44.9576, 53.7184



38.8691, 44.9576, 61.8684

Triad

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



37.4341, 44.9576, 53.7184



47.0307, 44.9576, 61.2714



44.1144, 44.9576, 34.6066

Complementary

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



37.4341, 44.9576, 53.7184



34.4893, 30.7337, 28.5423

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.



46.8402, 44.9576, 37.9700



37.4341, 44.9576, 53.7184



48.5764, 44.9576, 52.9771

Square

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



37.4341, 44.9576, 53.7184



44.3645, 44.9576, 66.5653



48.5051, 44.9576, 44.4747



41.1378, 44.9576, 34.7556

Rectangle

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



37.4341, 44.9576, 53.7184



40.4525, 44.9576, 65.6651



48.5051, 44.9576, 44.4747



45.0932, 44.9576, 35.3453

Sweetspot

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



37.4354, 44.9594, 53.7194



80.1017, 87.7826, 98.6345



33.3312, 43.3498, 30.6562



16.9815, 18.7518, 21.1870



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.



37.4354, 44.9594, 53.7194



64.6276, 79.8260, 96.9776



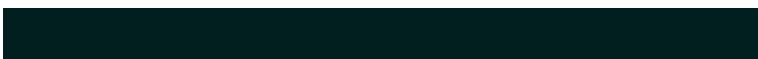
32.9548, 35.8257, 52.7572



9.8001, 10.8062, 12.1968



18.1545, 26.8521, 35.2058



0.7138, 1.0529, 1.3930

Inverse Universe

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



34.4893, 30.7337, 28.5423



58.3783, 49.6464, 43.5685



38.1313, 38.1343, 29.3965



9.5377, 9.5394, 9.9546



14.1376, 7.2862, 0.7523



0.5565, 0.2865, 0.0436

Previews

White Background



This preview shows how the XYZ color 37.4341, 44.9576, 53.7184 looks on a white background.

Color Contrast Check

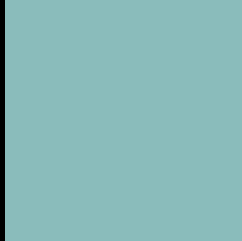
Large Text (above 18pt) WCAG AA × Fail

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 37.4341, 44.9576, 53.7184 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 37.4341, 44.9576, 53.7184

Background



This preview shows how black text looks on a background with the XYZ color 37.4341, 44.9576, 53.7184.

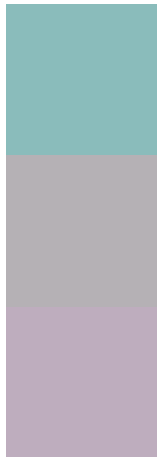


This preview shows how white text looks on a background with the XYZ color 37.4341, 44.9576,

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

37.4341, 44.9576, 53.7184

Protanopia

43.1187, 44.6042, 50.0529

Deuteranopia

45.4730, 44.5520, 54.9179



Tritanopia

39.0860, 44.9976, 61.8837

Trichromacy



Original Color

37.4341, 44.9576, 53.7184

Protanomaly

40.5882, 44.4660, 51.2433

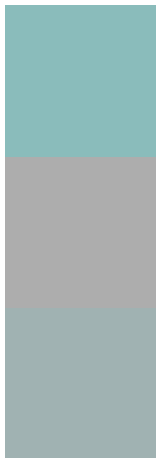
Deuteranomaly

41.9003, 44.1728, 54.4619

Tritanomaly

38.5493, 45.1016, 58.8983

Monochromacy



Original Color

37.4341, 44.9576, 53.7184

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.4535, 42.5287, 48.3016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4341, 44.9576, 53.7184 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(138, 188, 187)` looks like.

```
.text, #text, p{  
    color:rgb(138, 188, 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(138, 188, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 188, 187) }
```

Border

The CSS property to change the border of an element to XYZ 37.4341, 44.9576, 53.7184 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(138, 188, 187) }
```


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

```
.border{ border-color:rgb(138, 188, 187) }
```

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

Here you see how a box with a 4 pixel rgb(138, 188, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(138, 188,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4341, 44.9576, 53.7184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 188, 187) }
```

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

```
.background{ background-color: rgb(138,  
188, 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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