

Converting Colors

XYZ(35.5781, 44.7315, 48.5912)

Have a look what the booklet for
XYZ(35.5781, 44.7315, 48.5912)
contains.

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Color

**XYZ(35.5552, 44.7471,
48.3581)**

Conversions

Conversions Part 1

Format	Color
Hex	82BEB1
RGB	130, 190, 177
RGB Percent	51%, 75%, 69%
CMY	0.4902, 0.2549, 0.3059
CMYK	0.32, 0.00, 0.07, 0.25
HSL	167°, 32%, 63%
HSV	167°, 32%, 75%
XYZ	35.5552, 44.7471, 48.3581
YIQ	170.5780, -31.5870, -16.7630

Conversions

Conversions Part 2

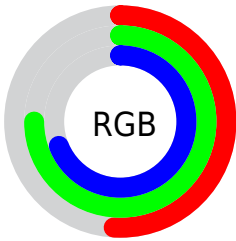
Format	Color
RYB	130, 164, 190
Decimal	8568497
CIELab	72.73, -22.17, 0.38
CIELCh	73, 22.172, 179.013
Yxy	44.7471, 0.2763, 0.3478
Android (android.graphics.Color)	4286758577 (0xFF82BEB1)
YUV	170.5780, 3.1660, -35.5869
Hunter-Lab	66.8933, -22.1867, 3.9637

Details

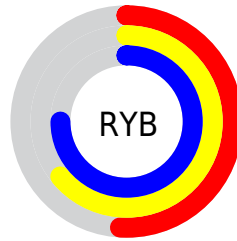
The XYZ color **35.5552, 44.7471, 48.3581** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.1773, 28.8968, 29.7646**, and the grayscale version is **38.4941, 40.4988, 44.1032**.

A 20% lighter version of the original color is **67.6713, 82.1090, 89.3728**, and **15.6477, 20.7087, 22.5745** is the 20% darker color. If you saturate the color by 10%, you get **32.5016, 43.2208, 46.1058**, and if you desaturate by 10%, it is **39.1618, 46.5594, 50.7028**.

Distribution



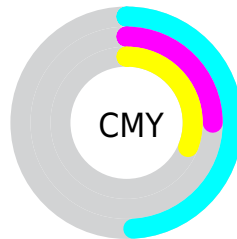
- Red (51%)
- Green (75%)
- Blue (69%)



- Red (51%)
- Yellow (64%)
- Blue (75%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5552, 44.7471, 48.3581 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 35.5552, 44.7471, 48.3581 by changing the saturation by 10% instead.

■ 35.5552, 44.7471,
48.3581

■ 35.5552, 44.7471,
48.3581

318.4775,
365.7483, 396.7594

■ 24.2594, 31.2583,
33.7486

■ 67.6733, 82.3408,
89.1084

■ 15.6519, 20.7956,
22.4247

■ 89.2264, 107.2144,
116.0863

■ 9.3675, 12.9747,
13.9680

■ 114.9292,
136.6518, 148.0240

■ 5.0407, 7.4111,
7.9599

145.1472,
171.0373, 185.3401

■ 2.3061, 3.7205,
3.9819

180.2456,
210.7553, 228.4532

■ 0.7978, 1.5185,
1.6154

220.5899,

■ 0.0000, 0.3017,

256.1902, 277.7817

0.3018

266.5454,
307.7264, 333.7443

■ 0.0000, 0.0000,
0.0000

■ 35.5552, 44.7471,
48.3581

■ 35.5552, 44.7471,
48.3581

■ 32.5016, 43.2208,
46.1058

■ 39.1618, 46.5594,
50.7028

■ 29.9676, 41.9597,
43.9410

■ 43.3452, 48.6665,
53.1388

■ 27.9217, 40.9489,
41.8625


■ 48.1323, 51.0832,
55.6688


■ 26.3274, 40.1696,
39.8681


■ 53.5471, 53.8222,
58.2944


■ 25.1433, 39.6002,
37.9553


■ 59.6125, 56.8950,
61.0173


 24.3198, 39.2154,
36.1211

 66.3499, 60.3128,
63.8391

 23.8255, 38.9930,
34.6334

 70.7733, 62.5362,
66.6204

 71.2797, 62.7387,
69.2867

 71.7992, 62.9465,
72.0226

Harmonies

Analogous

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



36.4993, 44.7471, 38.6089



35.5552, 44.7471, 48.3581



36.3844, 44.7471, 59.7361

Triad

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



35.5552, 44.7471, 48.3581



46.2203, 44.7471, 69.6956



46.4539, 44.7471, 32.7237

Complementary

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



35.5552, 44.7471, 48.3581



34.1773, 28.8968, 29.7646

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.



49.3331, 44.7471, 39.1525



35.5552, 44.7471, 48.3581



49.1926, 44.7471, 60.4628

Square

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



35.5552, 44.7471, 48.3581



42.4035, 44.7471, 73.1214



50.3638, 44.7471, 49.0877



42.6583, 44.7471, 30.4616

Rectangle

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



35.5552, 44.7471, 48.3581



37.8613, 44.7471, 66.5270



50.3638, 44.7471, 49.0877



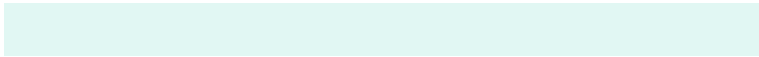
47.5692, 44.7471, 34.4162

Sweetspot

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



35.5565, 44.7489, 48.3591



80.5530, 89.2000, 97.3909



33.9457, 44.3698, 27.8949



17.4198, 19.4519, 21.2396



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.



35.5565, 44.7489, 48.3591



60.4349, 79.0879, 84.7401



33.6376, 38.7373, 54.4215



9.7176, 10.7732, 11.7626



15.8719, 25.9390, 23.1859



0.6442, 1.0250, 1.0264

Inverse Universe

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



34.1773, 28.8968, 29.7646



57.5443, 45.7826, 45.7081



35.5448, 33.1180, 25.6388



9.6125, 9.5693, 10.3486



14.4127, 7.3962, 2.2011



0.5894, 0.2997, 0.2172

Previews

White Background



This preview shows how the XYZ color 35.5552, 44.7471, 48.3581 looks on a white background.

Color Contrast Check

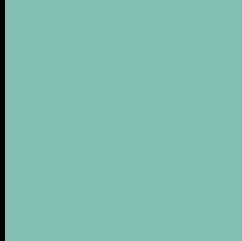
Large Text (above 18pt) WCAG AA × Fail

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 35.5552, 44.7471, 48.3581 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 35.5552, 44.7471, 48.3581

Background



This preview shows how black text looks on a background with the XYZ color 35.5552, 44.7471, 48.3581.



This preview shows how white text looks on a background with the XYZ color 35.5552, 44.7471,

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

35.5552, 44.7471, 48.3581

Protanopia

42.5063, 44.4138, 44.3626

Deuteranopia

45.0853, 44.1787, 49.8672



Tritanopia

38.2549, 44.5691, 61.8448

Trichromacy



Original Color

35.5552, 44.7471, 48.3581

Protanomaly

39.5806, 44.3655, 46.0124

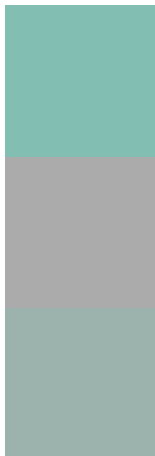
Deuteranomaly

40.9359, 44.0815, 49.5311

Tritanomaly

37.1163, 44.4148, 56.4858

Monochromacy



Original Color

35.5552, 44.7471, 48.3581

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.1735, 41.9258, 45.6684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5552, 44.7471, 48.3581 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(130, 190, 177)` looks like.

```
.text, #text, p{  
    color:rgb(130, 190, 177)  
}
```

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(130, 190, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 190, 177) }
```

Border

The CSS property to change the border of an element to XYZ 35.5552, 44.7471, 48.3581 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(130, 190, 177) }
```


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

```
.border{ border-color:rgb(130, 190, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 190, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 190, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 190, 177);  
box-shadow:4px 4px 4px 4px rgb(130, 190,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5552, 44.7471, 48.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 190, 177) }
```

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

```
.background{ background-color: rgb(130,  
190, 177) }
```

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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