

Converting Colors

XYZ(35.5511, 44.3929, 47.7604)

Have a look what the booklet for
XYZ(35.5511, 44.3929, 47.7604)
contains.

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Color

**XYZ(35.5498, 44.4353,
47.7775)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 84BDB0 |
| RGB | 132, 189, 176 |
| RGB Percent | 52%, 74%, 69% |
| CMY | 0.4823, 0.2588, 0.3098 |
| CMYK | 0.30, 0.00, 0.07, 0.26 |
| HSL | 166°, 30%, 63% |
| HSV | 166°, 30%, 74% |
| XYZ | 35.5498, 44.4353, 47.7775 |
| YIQ | 170.4750, -29.7990, -16.1270 |

Conversions

Conversions Part 2

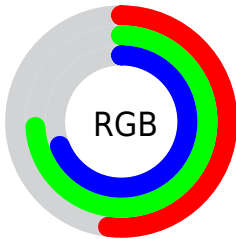
| Format | Color |
|-------------------------------------|--|
| RYB | 132, 164, 189 |
| Decimal | 8699312 |
| CIELab | 72.52, -21.30, 0.64 |
| CIElCh | 73, 21.306, 178.282 |
| Yxy | 44.4353, 0.2782, 0.3478 |
| Android (android.graphics.Color) | 4286889392 (0xFF84BDB0) |
| YUV | 170.4750, 2.7238, -33.7426 |
| Hunter-Lab | 66.6598, -21.4603, 4.1666 |

Details

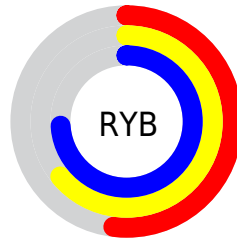
The XYZ color **35.5498, 44.4353, 47.7775** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.3499, 29.3669, 30.6478**, and the grayscale version is **38.4441, 40.4462, 44.0459**.

A 20% lighter version of the original color is **67.7114, 81.6958, 88.5440**, and **15.6103, 20.4887, 22.2007** is the 20% darker color. If you saturate the color by 10%, you get **32.4382, 42.8809, 45.4411**, and if you desaturate by 10%, it is **39.2129, 46.2748, 50.2124**.

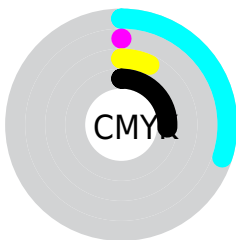
Distribution



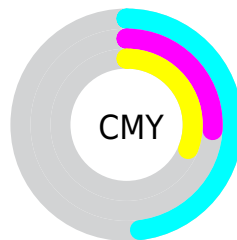
- Red (52%)
- Green (74%)
- Blue (69%)



- Red (52%)
- Yellow (64%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)





- Cyan (48%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5498, 44.4353, 47.7775 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 35.5498, 44.4353, 47.7775 by changing the saturation by 10% instead.

 35.5498, 44.4353,
47.7775


 35.5498, 44.4353,
47.7775


318.4542,
364.4817, 394.3928


 24.2552, 31.0129,
33.2920


 67.6651, 81.8724,
88.2351

 15.6488, 20.6086,
22.0773


 89.2164, 106.6558,
115.0443

 9.3652, 12.8382,
13.7148


 114.9174,
135.9950, 146.7985

 5.0392, 7.3173,
7.7861

145.1334,
170.2744, 183.9161

 2.3053, 3.6613,
3.8726

180.2297,
209.8784, 226.8159

 0.7974, 1.4860,
1.5557

220.5717,

 0.0000, 0.2788,

255.1913, 275.9162

0.2589

266.5247,
306.5976, 331.6356

■ 0.0000, 0.0000,
0.0000

■ 35.5498, 44.4353,
47.7775

■ 35.5498, 44.4353,
47.7775

■ 32.4382, 42.8809,
45.4411

■ 39.2129, 46.2748,
50.2124

■ 29.8453, 41.5912,
43.1980

■ 43.4507, 48.4078,
52.7446

■ 27.7406, 40.5515,
41.0473

■ 48.2894, 50.8490,
55.3769

■ 26.0886, 39.7438,
38.9865

■ 53.7527, 53.6105,
58.1111

■ 24.8493, 39.1473,
37.0131

■ 59.8628, 56.7039,
60.9488

■ 23.9750, 38.7375,
35.1242

■ 66.6410, 60.1401,
63.8916

■ 23.3782, 38.4687,
33.3428

■ 70.6008, 62.1217,
66.7769

■ 71.1326, 62.3344,
69.5768

■ 71.6787, 62.5529,
72.4531

Harmonies

Analogous

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



36.4973, 44.4353, 38.4922



35.5498, 44.4353, 47.7775



36.3052, 44.4353, 58.6322

Triad

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



35.5498, 44.4353, 47.7775



45.6762, 44.4353, 68.5100



46.0644, 44.4353, 33.1119

Complementary

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



35.5498, 44.4353, 47.7775



34.3499, 29.3669, 30.6478

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.



48.7764, 44.4353, 39.4028



35.5498, 44.4353, 47.7775



48.5433, 44.4353, 59.8365

Square

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



35.5498, 44.4353, 47.7775



42.0226, 44.4353, 71.5938



49.7085, 44.4353, 48.9926



42.4469, 44.4353, 30.8235

Rectangle

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



35.5498, 44.4353, 47.7775



37.6989, 44.4353, 65.1380



49.7085, 44.4353, 48.9926



47.1198, 44.4353, 34.7791

Sweetspot

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



35.5511, 44.4371, 47.7785



78.6466, 87.1129, 94.9318



34.0938, 44.1100, 28.5478



16.6571, 18.6045, 20.2696



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.



35.5511, 44.4371, 47.7785



59.9820, 77.7388, 82.8618



33.7998, 38.7761, 53.8493



9.7129, 10.7713, 11.7378



15.7591, 25.8939, 22.5918



0.6405, 1.0236, 1.0074

Inverse Universe

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



34.3499, 29.3669, 30.6478



57.5013, 46.5450, 47.4305



35.6174, 33.4158, 26.4033



9.6169, 9.5711, 10.3718



14.4396, 7.4070, 2.3428



0.5913, 0.3004, 0.2273

Previews

White Background



This preview shows how the XYZ color 35.5498, 44.4353, 47.7775 looks on a white background.

Color Contrast Check

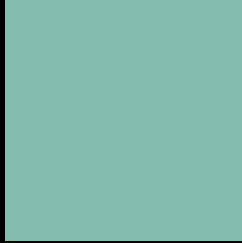
Large Text (above 18pt) WCAG AA × Fail

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 35.5498, 44.4353, 47.7775 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

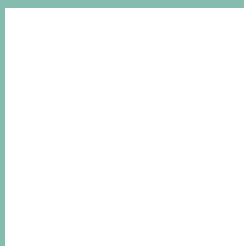
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5498, 44.4353, 47.7775

Background



This preview shows how black text looks on a background with the XYZ color 35.5498, 44.4353, 47.7775.



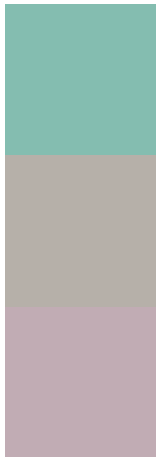
This preview shows how white text looks on a background with the XYZ color 35.5498, 44.4353,

47.7775.

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

35.5498, 44.4353, 47.7775

Protanopia

41.9782, 43.8603, 43.7895

Deuteranopia

44.9831, 44.1378, 49.3286



Tritanopia

38.0908, 44.1864, 61.1648

Trichromacy



Original Color

35.5498, 44.4353, 47.7775

Protanomaly

39.2801, 43.9188, 45.4366

Deuteranomaly

40.8517, 43.7534, 48.9400

Tritanomaly

36.9545, 44.0303, 55.8412

Monochromacy



Original Color

35.5498, 44.4353, 47.7775

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.8788, 41.4908, 45.0945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5498, 44.4353, 47.7775 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(132, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(132, 189, 176)  
}
```

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(132, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 189, 176) }
```

Border

The CSS property to change the border of an element to XYZ 35.5498, 44.4353, 47.7775 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(132, 189, 176) }
```


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

```
.border{ border-color:rgb(132, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 189, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 189, 176);  
box-shadow:4px 4px 4px 4px rgb(132, 189,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5498, 44.4353, 47.7775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 189, 176) }
```

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

```
.background{ background-color: rgb(132,  
189, 176) }
```

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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