

Converting Colors

XYZ(35.5343, 41.1932, 50.2298)

Have a look what the booklet for
XYZ(35.5343, 41.1932, 50.2298)
contains.

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Color

**XYZ(35.5481, 41.2803,
50.3503)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB3B6
RGB	141, 179, 182
RGB Percent	55%, 70%, 71%
CMY	0.4471, 0.2980, 0.2863
CMYK	0.23, 0.02, 0.00, 0.29
HSL	184°, 22%, 63%
HSV	184°, 23%, 71%
XYZ	35.5481, 41.2803, 50.3503
YIQ	167.9800, -23.6110, -7.1230

Conversions

Conversions Part 2

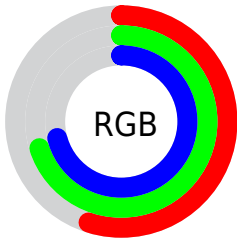
Format	Color
RYB	141, 161, 182
Decimal	9286582
CIELab	70.37, -12.05, -5.74
CIELCh	70, 13.348, 205.483
Yxy	41.2803, 0.2795, 0.3246
Android (android.graphics.Color)	4287476662 (0xFF8DB3B6)
YUV	167.9800, 6.9119, -23.6615
Hunter-Lab	64.2497, -13.6766, -1.4887

Details

The XYZ color **35.5481, 41.2803, 50.3503** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.0728, 31.8149, 29.5452**, and the grayscale version is **37.1860, 39.1226, 42.6045**.

A 20% lighter version of the original color is **67.6466, 77.1918, 92.2231**, and **15.6398, 18.6803, 23.5502** is the 20% darker color. If you saturate the color by 10%, you get **32.4391, 39.2846, 50.1296**, and if you desaturate by 10%, it is **39.1707, 43.5467, 50.5975**.

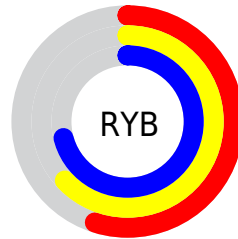
Distribution



Red (55%)

Green (70%)

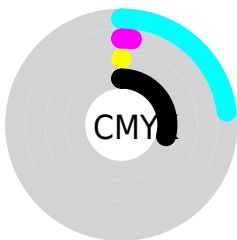
Blue (71%)



Red (55%)

Yellow (63%)

Blue (71%)

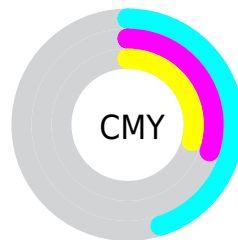


Cyan (23%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (45%)


Magenta (30%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5481, 41.2803, 50.3503 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 35.5481, 41.2803, 50.3503 by changing the saturation by 10% instead.


 35.5481, 41.2803,
50.3503


 35.5481, 41.2803,
50.3503


318.4468,
351.4908, 404.8085


 24.2539, 28.5382,
35.3187


 67.6624, 77.1092,
92.0953

 15.6478, 18.7317,
23.6230


 89.2133, 100.9648,
119.6458

 9.3645, 11.4766,
14.8446

 114.9137,
129.2936, 152.2063

 5.0387, 6.3884,
8.5650

145.1290,
162.4802, 190.1955

 2.3050, 3.0826,
4.3656

180.2246,
200.9087, 234.0317

 0.7972, 1.1750,
1.8280

220.5659,

 0.0000, 0.0412,

244.9638, 284.1336

0.4463

266.5182,
295.0296, 340.9197

■ 0.0000, 0.0000,
0.0000

■ 35.5481, 41.2803,
50.3503

■ 35.5481, 41.2803,
50.3503

■ 32.4391, 39.2846,
50.1296

■ 39.1707, 43.5467,
50.5975

■ 29.8152, 37.5416,
49.9315

■ 43.3263, 46.0907,
50.8695

■ 27.6507, 36.0394,
49.7556

■ 48.0379, 48.9252,
51.1683

■ 25.9160, 34.7625,
49.6006

■ 53.3260, 52.0607,
51.4948

■ 24.5783, 33.6940,
49.4648

■ 59.2100, 55.5073,
51.8499

■ 23.5997, 32.8144,
49.3466

■ 65.7085, 59.2745,
52.2346

■ 22.9350, 32.1004,
49.2439

■ 67.7350, 60.7402,
52.4107

■ 22.5747, 31.6396,
49.1739

■ 68.0212, 61.3127,
52.5061

■ 68.3101, 61.8904,
52.6024

Harmonies

Analogous

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



35.1773, 41.2803, 44.0021



35.5481, 41.2803, 50.3503



36.8926, 41.2803, 55.6592

Triad

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



35.5481, 41.2803, 50.3503



42.8166, 41.2803, 52.1495



39.5690, 41.2803, 33.9432

Complementary

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



35.5481, 41.2803, 50.3503



34.0728, 31.8149, 29.5452

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.



41.6759, 41.2803, 35.7061



35.5481, 41.2803, 50.3503



43.5948, 41.2803, 45.9058

Square

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



35.5481, 41.2803, 50.3503



41.0795, 41.2803, 56.7641



43.1699, 41.2803, 39.9452



37.4479, 41.2803, 34.8959

Rectangle

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



35.5481, 41.2803, 50.3503



38.1873, 41.2803, 57.6920



43.1699, 41.2803, 39.9452



40.3031, 41.2803, 34.2329

Sweetspot

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



35.5493, 41.2820, 50.3512



74.9669, 81.3789, 91.9922



32.7269, 41.1249, 32.4926



16.4587, 17.9134, 20.3118



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.5493, 41.2820, 50.3512



61.5566, 72.9983, 91.0814



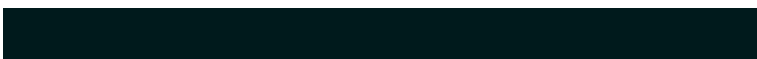
31.7868, 33.7571, 49.0971



9.2090, 10.0952, 11.5426



15.9627, 22.3852, 34.7325



0.5796, 0.8228, 1.2300

Inverse Universe

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



36.9539, 32.2504, 46.9270



64.5738, 53.8162, 83.6773



37.4171, 38.5035, 30.6600



9.3518, 9.1511, 11.2001



18.6709, 9.0421, 27.2176



0.6667, 0.3222, 1.0043

Previews

White Background



This preview shows how the XYZ color 35.5481, 41.2803, 50.3503 looks on a white background.

Color Contrast Check

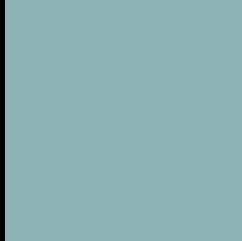
Large Text (above 18pt) WCAG AA × Fail

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 35.5481, 41.2803, 50.3503 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

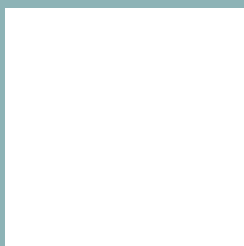
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5481, 41.2803, 50.3503

Background



This preview shows how black text looks on a background with the XYZ color 35.5481, 41.2803, 50.3503.

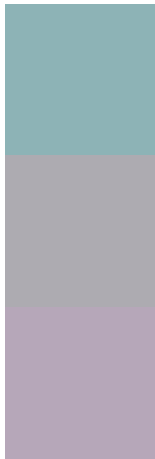


This preview shows how white text looks on a background with the XYZ color 35.5481, 41.2803,

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

35.5481, 41.2803, 50.3503

Protanopia

39.7323, 41.1844, 47.4502

Deuteranopia

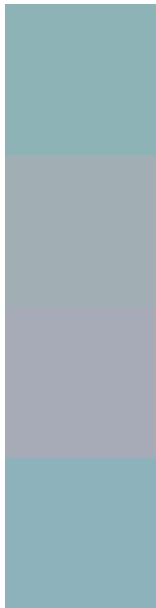
41.8671, 41.0853, 51.6226



Tritanopia

36.5643, 41.0897, 55.8731

Trichromacy



Original Color

35.5481, 41.2803, 50.3503

Protanomaly

37.9707, 41.1038, 48.5804

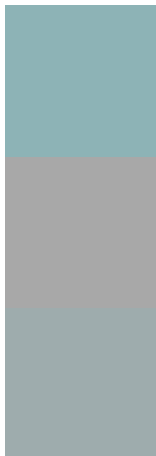
Deuteranomaly

39.1510, 40.8020, 51.1595

Tritanomaly

36.1528, 41.2224, 53.6282

Monochromacy



Original Color

35.5481, 41.2803, 50.3503

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.3959, 39.7913, 45.2974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5481, 41.2803, 50.3503 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(141, 179, 182)` looks like.

```
.text, #text, p{  
    color:rgb(141, 179, 182)  
}
```

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(141, 179, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 179, 182) }
```

Border

The CSS property to change the border of an element to XYZ 35.5481, 41.2803, 50.3503 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(141, 179, 182) }
```


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

```
.border{ border-color:rgb(141, 179, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 179, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 179, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 179, 182);  
box-shadow:4px 4px 4px 4px rgb(141, 179,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5481, 41.2803, 50.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 179, 182) }
```

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

```
.background{ background-color: rgb(141,  
179, 182) }
```

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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