

Converting Colors

XYZ(41.4562, 46.8396, 53.2220)

Have a look what the booklet for
XYZ(41.4562, 46.8396, 53.2220)
contains.

XYZ(41.3312, 46.6629, 53.2828)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.3312, 46.6629,
53.2828)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BBBA
RGB	161, 187, 186
RGB Percent	63%, 73%, 73%
CMY	0.3686, 0.2667, 0.2706
CMYK	0.14, 0.00, 0.01, 0.27
HSL	178°, 16%, 68%
HSV	178°, 14%, 73%
XYZ	41.3312, 46.6629, 53.2828
YIQ	179.1120, -15.1750, -5.8230

Conversions

Conversions Part 2

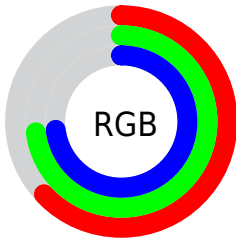
Format	Color
RYB	161, 174, 187
Decimal	10599354
CIELab	73.97, -9.01, -2.48
CIELCh	74, 9.346, 195.380
Yxy	46.6629, 0.2926, 0.3303
Android (android.graphics.Color)	4288789434 (0xFFA1BBBA)
YUV	179.1120, 3.3958, -15.8842
Hunter-Lab	68.3102, -11.5413, 1.5703

Details

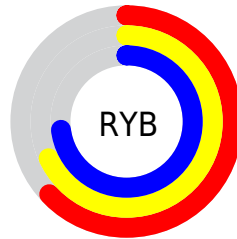
The XYZ color **41.3312, 46.6629, 53.2828** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.7617, 38.6645, 39.5519**, and the grayscale version is **42.8968, 45.1308, 49.1474**.

A 20% lighter version of the original color is **76.3965, 85.1109, 96.4059**, and **19.0654, 21.9949, 25.4309** is the 20% darker color. If you saturate the color by 10%, you get **37.7649, 44.8345, 52.7176**, and if you desaturate by 10%, it is **45.4643, 48.7859, 53.8785**.

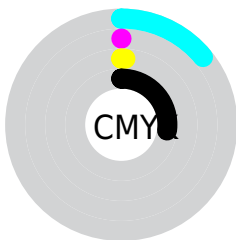
Distribution



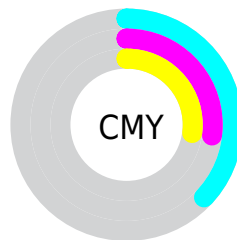
- Red (63%)
- Green (73%)
- Blue (73%)



- Red (63%)
- Yellow (68%)
- Blue (73%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (37%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3312, 46.6629, 53.2828 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 41.3312, 46.6629, 53.2828 by changing the saturation by 10% instead.

■ 41.3312, 46.6629,
53.2828

■ 41.3312, 46.6629,
53.2828

342.7419,
373.4674, 416.4662

■ 28.7668, 32.7692,
37.6393

■ 76.4579, 85.2102,
96.4661

■ 19.0479, 21.9497,
25.4032

■ 99.7510, 110.6327,
124.8431

■ 11.8091, 13.8200,
16.1560

127.3509,
140.6668, 158.3015

■ 6.6851, 7.9956,
9.4790

159.6232,
175.6971, 197.2601

■ 3.3105, 4.0921,
4.9539

196.9330,
216.1079, 242.1373

■ 1.3200, 1.7252,
2.1620

239.6459,

■ 0.1981, 0.4399,

262.2836, 293.3517

0.6523

288.1271,
314.6087, 351.3218

■ 0.0000, 0.0000,
0.0000

■ 41.3312, 46.6629,
53.2828

■ 41.3312, 46.6629,
53.2828

■ 37.7649, 44.8345,
52.7176

■ 45.4643, 48.7859,
53.8785

■ 34.7363, 43.2820,
52.1786

■ 50.1834, 51.2098,
54.5026

■ 32.2199, 41.9935,
51.6657

■ 55.5120, 53.9478,
55.1573

■ 30.1868, 40.9541,
51.1773

■ 61.4709, 57.0108,
55.8436

■ 28.6048, 40.1472,
50.7120

■ 68.0802, 60.4089,
56.5623

■ 27.4380, 39.5543,
50.2682

■ 68.3414, 60.5344,
56.9859

■ 26.6452, 39.1541,
49.8439

■ 68.4206, 60.5661,
57.4031

■ 26.1764, 38.9210,
49.4368

■ 68.5002, 60.5980,
57.8223

■ 25.9882, 38.8292,
49.1942

■ 68.5802, 60.6300,
58.2436

Harmonies

Analogous

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



41.3207, 46.6629, 48.5251



41.3312, 46.6629, 53.2828



42.1373, 46.6629, 57.6290

Triad

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



41.3312, 46.6629, 53.2828



46.6735, 46.6629, 57.5353



45.1660, 46.6629, 42.4298

Complementary

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



41.3312, 46.6629, 53.2828



39.7617, 38.6645, 39.5519

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.



46.6423, 46.6629, 44.5476



41.3312, 46.6629, 53.2828



47.5274, 46.6629, 53.1613

Square

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



41.3312, 46.6629, 53.2828



45.2076, 46.6629, 60.1869



47.5159, 46.6629, 48.4110



43.5066, 46.6629, 42.4578

Rectangle

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



41.3312, 46.6629, 53.2828



43.0292, 46.6629, 59.6223



47.5159, 46.6629, 48.4110



45.7010, 46.6629, 42.9082

Sweetspot

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



41.3325, 46.6648, 53.2838



81.2958, 87.3062, 96.4741



39.1661, 45.8287, 40.5006



17.7715, 19.1589, 21.2271



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.



41.3325, 46.6648, 53.2838



71.7588, 82.4107, 95.0792



39.0574, 41.9433, 53.0533



9.7923, 10.8030, 12.1555



17.9117, 26.7549, 33.9272



0.7066, 1.0500, 1.3552

Inverse Universe

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



39.7617, 38.6645, 39.5519



68.3447, 65.0217, 65.2333



41.8143, 42.9119, 39.7980



9.5447, 9.5422, 9.9913



14.1536, 7.2926, 0.8367



0.5596, 0.2877, 0.0599

Previews

White Background



This preview shows how the XYZ color 41.3312, 46.6629, 53.2828 looks on a white background.

Color Contrast Check

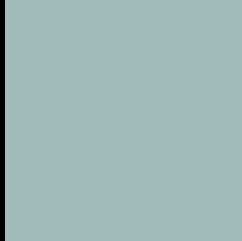
Large Text (above 18pt) WCAG AA × Fail

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 41.3312, 46.6629, 53.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

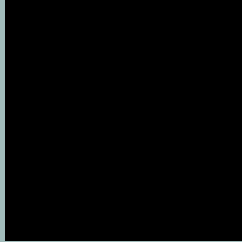
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

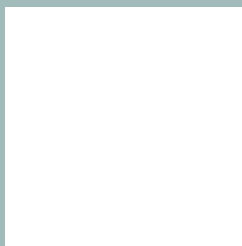
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3312, 46.6629, 53.2828

Background



This preview shows how black text looks on a background with the XYZ color 41.3312, 46.6629, 53.2828.

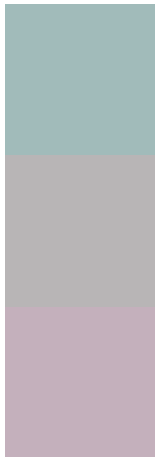


This preview shows how white text looks on a background with the XYZ color 41.3312, 46.6629,

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

41.3312, 46.6629, 53.2828

Protanopia

44.7345, 46.6155, 50.8959

Deuteranopia

47.3674, 46.4173, 54.0399



Tritanopia

42.8785, 46.6546, 61.3889

Trichromacy



Original Color

41.3312, 46.6629, 53.2828

Protanomaly

43.3852, 46.5160, 51.4916

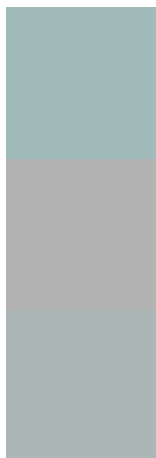
Deuteranomaly

44.8193, 46.2977, 53.5878

Tritanomaly

42.3095, 46.7393, 58.4214

Monochromacy



Original Color

41.3312, 46.6629, 53.2828

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.1847, 45.6040, 50.8350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3312, 46.6629, 53.2828 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(161, 187, 186)` looks like.

```
.text, #text, p{  
    color:rgb(161, 187, 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(161, 187, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 187, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.3312, 46.6629, 53.2828 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(161, 187, 186) }
```


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

```
.border{ border-color:rgb(161, 187, 186) }
```

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

Here you see how a box with a 4 pixel rgb(161, 187, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 187, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 187, 186);  
box-shadow:4px 4px 4px 4px rgb(161, 187,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3312, 46.6629, 53.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 187, 186) }
```

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

```
.background{ background-color: rgb(161,  
187, 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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