

Converting Colors

XYZ(32.9771, 41.3345, 53.7404)

Have a look what the booklet for
XYZ(32.9771, 41.3345, 53.7404)
contains.

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Color

**XYZ(33.0276, 41.4225,
53.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	71B8BC
RGB	113, 184, 188
RGB Percent	44%, 72%, 74%
CMY	0.5569, 0.2784, 0.2627
CMYK	0.40, 0.02, 0.00, 0.26
HSL	183°, 36%, 59%
HSV	183°, 40%, 74%
XYZ	33.0276, 41.4225, 53.8316
YIQ	163.2270, -43.6000, -13.8080

Conversions

Conversions Part 2

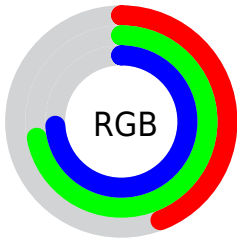
Format	Color
R _Y B	113, 149, 188
Decimal	7452860
CIE Lab	70.47, -21.20, -9.06
CIE LCh	70, 23.054, 203.134
Yxy	41.4225, 0.2575, 0.3229
Android (android.graphics.Color)	4285642940 (0xFF71B8BC)
YUV	163.2270, 12.2131, -44.0491
Hunter-Lab	64.3603, -21.0302, -4.5385

Details

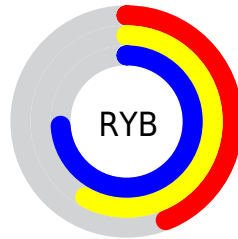
The XYZ color **33.0276, 41.4225, 53.8316** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.0816, 24.6067, 18.7877**, and the grayscale version is **34.8798, 36.6963, 39.9622**.

A 20% lighter version of the original color is **63.6377, 77.1767, 97.1305**, and **14.2344, 18.8814, 25.8159** is the 20% darker color. If you saturate the color by 10%, you get **30.6479, 39.8887, 53.6617**, and if you desaturate by 10%, it is **35.9123, 43.2208, 54.0274**.

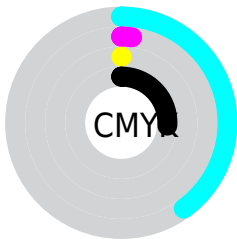
Distribution



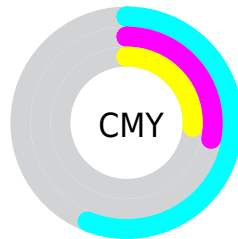
- Red (44%)
- Green (72%)
- Blue (74%)



- Red (44%)
- Yellow (58%)
- Blue (74%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)





- Cyan (56%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0276, 41.4225, 53.8316 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 33.0276, 41.4225, 53.8316 by changing the saturation by 10% instead.

 33.0276, 41.4225,
53.8316


 33.0276, 41.4225,
53.8316


307.4369,
352.0834, 418.6240


 22.3069, 28.6494,
38.0748


 63.7730, 77.3248,
97.2809

 14.2005, 18.8157,
25.7385


 84.5284, 101.2229,
125.8104

 8.3429, 11.5372,
16.4041

 109.3595,
129.5979, 159.4345

 4.3688, 6.4294,
9.6531

138.6316,
162.8345, 198.5719

 1.9128, 3.1079,
5.0670

172.7100,
201.3169, 243.6410

 0.5843, 1.1883,
2.2272

211.9601,

 0.0000, 0.0521,

245.4296, 295.0603

0.6900

256.7473,
295.5570, 353.2485

■ 0.0000, 0.0000,
0.0000

■ 33.0276, 41.4225,
53.8316

■ 33.0276, 41.4225,
53.8316

■ 30.6479, 39.8887,
53.6617

■ 35.9123, 43.2208,
54.0274

■ 28.7382, 38.5984,
53.5133

■ 39.3267, 45.2934,
54.2475

■ 27.2652, 37.5355,
53.3858

■ 43.2985, 47.6554,
54.4941

■ 26.1894, 36.6795,
53.2772

■ 47.8523, 50.3197,
54.7683

■ 25.4644, 36.0064,
53.1855

■ 53.0111, 53.2982,
55.0713

■ 24.9982, 35.4690,
53.1064

■ 58.7968, 56.6020,
55.4041

■ 24.9935, 35.4634,
53.1055

■ 65.2303, 60.2420,
55.7676

■ 69.1715, 62.5994,
56.0149

■ 69.3923, 63.0411,
56.0885

Harmonies

Analogous

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



32.5540, 41.4225, 42.6467



33.0276, 41.4225, 53.8316



35.1485, 41.4225, 63.9971

Triad

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



33.0276, 41.4225, 53.8316



45.5096, 41.4225, 58.8550



40.2507, 41.4225, 27.3554

Complementary

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



33.0276, 41.4225, 53.8316



30.0816, 24.6067, 18.7877

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.



43.9185, 41.4225, 30.3486



33.0276, 41.4225, 53.8316



47.0785, 41.4225, 47.6499

Square

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



33.0276, 41.4225, 53.8316



42.3114, 41.4225, 67.2078



46.4783, 41.4225, 37.3713



36.5698, 41.4225, 28.4681

Rectangle

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



33.0276, 41.4225, 53.8316



37.2890, 41.4225, 68.2337



46.4783, 41.4225, 37.3713



41.5287, 41.4225, 27.8963

Sweetspot

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



33.0288, 41.4241, 53.8326



76.7206, 85.3330, 98.6535



27.9903, 40.7565, 23.1451



16.2911, 18.2276, 21.2022



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.



33.0288, 41.4241, 53.8326



55.9783, 72.5768, 97.2846



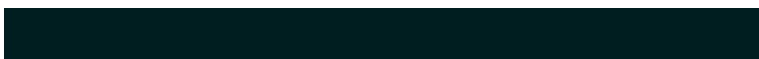
26.2829, 27.9323, 51.5839



9.7638, 10.7200, 12.2268



17.0342, 24.1802, 36.1623



0.6807, 0.9740, 1.4210

Inverse Universe

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



35.2969, 25.9633, 48.5002



60.7256, 40.8364, 85.9840



35.3174, 35.0784, 20.5330



9.9074, 9.6873, 11.9014



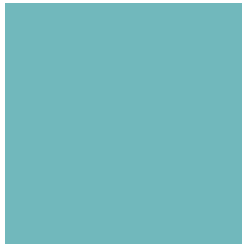
19.5989, 9.4707, 29.5108



0.7745, 0.3737, 1.1917

Previews

White Background



This preview shows how the XYZ color 33.0276, 41.4225, 53.8316 looks on a white background.

Color Contrast Check

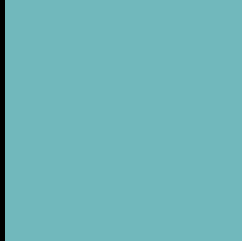
Large Text (above 18pt) WCAG AA × Fail

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 33.0276, 41.4225, 53.8316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

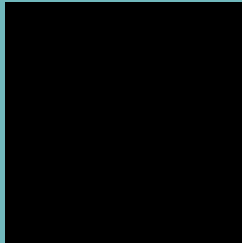
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0276, 41.4225, 53.8316

Background



This preview shows how black text looks on a background with the XYZ color 33.0276, 41.4225, 53.8316.

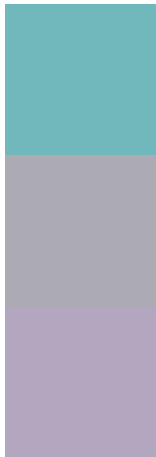


This preview shows how white text looks on a background with the XYZ color 33.0276, 41.4225,

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

33.0276, 41.4225, 53.8316

Protanopia

39.8144, 41.1918, 49.0324

Deuteranopia

41.9236, 41.0269, 55.5785



Tritanopia

34.2140, 41.6112, 59.0518

Trichromacy



Original Color

33.0276, 41.4225, 53.8316

Protanomaly

36.8351, 41.0489, 50.7816

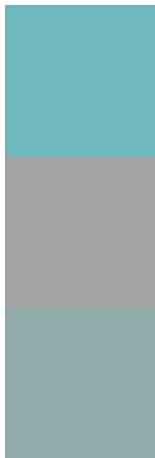
Deuteranomaly

37.8651, 40.6173, 55.1344

Tritanomaly

33.7413, 41.4069, 57.2529

Monochromacy



Original Color

33.0276, 41.4225, 53.8316

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.6864, 38.1241, 44.6130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0276, 41.4225, 53.8316 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(113, 184, 188)` looks like.

```
.text, #text, p{  
    color:rgb(113, 184, 188)  
}
```

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(113, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 184, 188) }
```

Border

The CSS property to change the border of an element to XYZ 33.0276, 41.4225, 53.8316 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(113, 184, 188) }
```


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

```
.border{ border-color:rgb(113, 184, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 184, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(113, 184,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0276, 41.4225, 53.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 184, 188) }
```

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

```
.background{ background-color: rgb(113,  
184, 188) }
```

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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