

Converting Colors

XYZ(35.2290, 42.0706, 46.5842)

Have a look what the booklet for
XYZ(35.2290, 42.0706, 46.5842)
contains.

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Color

**XYZ(35.2810, 42.1265,
46.8292)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB6AF
RGB	140, 182, 175
RGB Percent	55%, 71%, 69%
CMY	0.4510, 0.2863, 0.3137
CMYK	0.23, 0.00, 0.04, 0.29
HSL	170°, 22%, 63%
HSV	170°, 23%, 71%
XYZ	35.2810, 42.1265, 46.8292
YIQ	168.6440, -22.7850, -11.0810

Conversions

Conversions Part 2

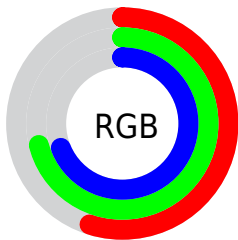
Format	Color
RYB	140, 163, 182
Decimal	9221807
CIELab	70.96, -15.48, -1.04
CIElCh	71, 15.515, 183.841
Yxy	42.1265, 0.2840, 0.3391
Android (android.graphics.Color)	4287411887 (0xFF8CB6AF)
YUV	168.6440, 3.1335, -25.1208
Hunter-Lab	64.9049, -16.5547, 2.6554

Details

The XYZ color **35.2810, 42.1265, 46.8292** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.9374, 30.8089, 31.7634**, and the grayscale version is **37.5303, 39.4848, 42.9989**.

A 20% lighter version of the original color is **67.1056, 78.3316, 86.4456**, and **15.5452, 19.2544, 21.6360** is the 20% darker color. If you saturate the color by 10%, you get **32.1699, 40.5578, 45.1461**, and if you desaturate by 10%, it is **38.9085, 43.9628, 48.5732**.

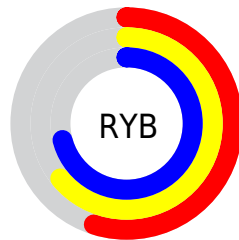
Distribution



Red (55%)

Green (71%)

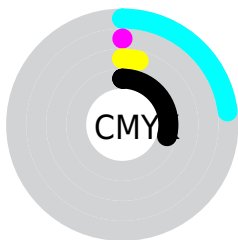
Blue (69%)



Red (55%)

Yellow (64%)

Blue (71%)

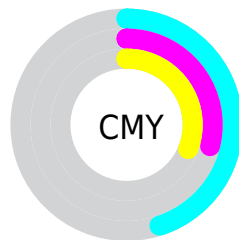


Cyan (23%)

Magenta (0%)

Yellow (4%)

Black (29%)



Cyan (45%)

Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2810, 42.1265, 46.8292 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 35.2810, 42.1265, 46.8292 by changing the saturation by 10% instead.

■ 35.2810, 42.1265,
46.8292

■ 35.2810, 42.1265,
46.8292

317.2932,
355.0071, 390.5064

■ 24.0469, 29.2004,
32.5473

■ 67.2520, 78.3910,
86.8059

■ 15.4934, 19.2324,
21.5116

■ 88.7197, 102.4982,
113.3378

■ 9.2549, 11.8384,
13.3036

■ 114.3292,
131.1012, 144.7901

■ 4.9663, 6.6337,
7.5048

144.4461,
164.5844, 181.5813

■ 2.2620, 3.2341,
3.6965

179.4356,
203.3322, 224.1300

■ 0.7751, 1.2551,
1.4604

219.6630,

■ 0.0000, 0.1061,

247.7290, 272.8547

0.1882

265.4938,
298.1591, 328.1740

■ 0.0000, 0.0000,
0.0000

■ 35.2810, 42.1265,
46.8292

■ 35.2810, 42.1265,
46.8292

■ 32.1699, 40.5578,
45.1461

■ 38.9085, 43.9628,
48.5732

■ 29.5465, 39.2387,
43.5196

■ 43.0720, 46.0736,
50.3766

■ 27.3851, 38.1570,
41.9493

■ 47.7945, 48.4718,
52.2416

■ 25.6559, 37.2973,
40.4335

■ 53.0967, 51.1679,
54.1694

■ 24.3256, 36.6425,
38.9704

■ 58.9980, 54.1722,
56.1610

■ 23.3561, 36.1730,
37.5580

■ 65.5171, 57.4942,
58.2176

■ 22.7017, 35.8651,
36.1940

■ 67.9600, 58.7140,
60.1197

■ 22.3685, 35.7134,
35.2749

■ 68.3096, 58.8538,
61.9603

■ 68.6661, 58.9964,
63.8380

Harmonies

Analogous

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



35.7408, 42.1265, 39.8728



35.2810, 42.1265, 46.8292



36.0505, 42.1265, 54.2646

Triad

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



35.2810, 42.1265, 46.8292



42.8733, 42.1265, 58.7419



42.2723, 42.1265, 34.2375

Complementary

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



35.2810, 42.1265, 46.8292



33.9374, 30.8089, 31.7634

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.



44.3134, 42.1265, 38.3866



35.2810, 42.1265, 46.8292



44.6708, 42.1265, 52.4372

Square

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



35.2810, 42.1265, 46.8292



40.3740, 42.1265, 61.5942



45.2087, 42.1265, 44.9212



39.7078, 42.1265, 33.0770

Rectangle

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



35.2810, 42.1265, 46.8292



37.1773, 42.1265, 58.3532



45.2087, 42.1265, 44.9212



43.0459, 42.1265, 35.3052

Sweetspot

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



35.2822, 42.1282, 46.8302



74.9157, 81.9193, 89.9938



33.6214, 41.6191, 31.0728



16.4465, 18.0427, 19.8338



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.



35.2822, 42.1282, 46.8302



60.8058, 74.7803, 83.2382



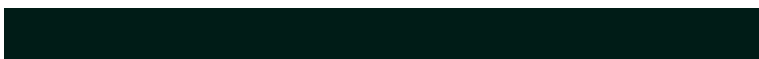
33.3922, 37.2187, 49.6820



9.2006, 10.1842, 11.2140



15.8167, 25.2276, 25.0205



0.5749, 0.8963, 0.9731

Inverse Universe

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



33.9374, 30.8089, 31.7634



57.9152, 50.4309, 50.8392



35.4668, 34.7206, 29.6440



9.0641, 9.0360, 9.6848



13.8091, 7.0974, 1.6154



0.5059, 0.2578, 0.1574

Previews

White Background



This preview shows how the XYZ color 35.2810, 42.1265, 46.8292 looks on a white background.

Color Contrast Check

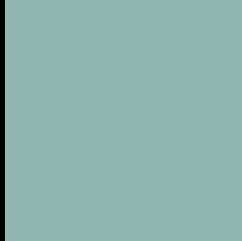
Large Text (above 18pt) WCAG AA × Fail

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 35.2810, 42.1265, 46.8292 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

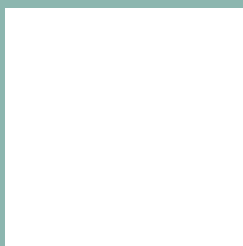
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2810, 42.1265, 46.8292

Background



This preview shows how black text looks on a background with the XYZ color 35.2810, 42.1265, 46.8292.



This preview shows how white text looks on a background with the XYZ color 35.2810, 42.1265,

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

35.2810, 42.1265, 46.8292

Protanopia

40.0454, 41.7167, 43.4776

Deuteranopia

42.7776, 41.9110, 47.9545



Tritanopia

37.3593, 42.0645, 57.1892

Trichromacy



Original Color

35.2810, 42.1265, 46.8292

Protanomaly

38.1859, 41.8835, 44.5998

Deuteranomaly

39.6740, 41.7194, 47.5566

Tritanomaly

36.6186, 42.0700, 53.2040

Monochromacy



Original Color

35.2810, 42.1265, 46.8292

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.5873, 40.4815, 44.4134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2810, 42.1265, 46.8292 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(140, 182, 175)` looks like.

```
.text, #text, p{  
    color:rgb(140, 182, 175)  
}
```

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(140, 182, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 182, 175) }
```

Border

The CSS property to change the border of an element to XYZ 35.2810, 42.1265, 46.8292 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(140, 182, 175) }
```


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

```
.border{ border-color:rgb(140, 182, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 182, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 182, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 182, 175);  
box-shadow:4px 4px 4px 4px rgb(140, 182,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2810, 42.1265, 46.8292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 182, 175) }
```

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

```
.background{ background-color: rgb(140,  
182, 175) }
```

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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