

Converting Colors

XYZ(35.2888, 46.9488, 32.0130)

Have a look what the booklet for
XYZ(35.2888, 46.9488, 32.0130)
contains.

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Color

**XYZ(35.2888, 46.9488,
32.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC48C
RGB	140, 196, 140
RGB Percent	55%, 77%, 55%
CMY	0.4510, 0.2314, 0.4510
CMYK	0.29, 0.00, 0.29, 0.23
HSL	120°, 32%, 66%
HSV	120°, 29%, 77%
XYZ	35.2888, 46.9488, 32.0130
YIQ	172.8720, -15.4000, -29.2880

Conversions

Conversions Part 2

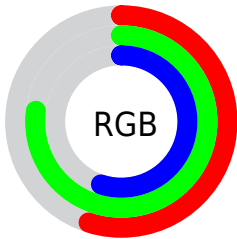
Format	Color
RYB	140, 196, 196
Decimal	9225356
CIELab	74.16, -29.24, 22.45
CIELCh	74, 36.868, 142.482
Yxy	46.9488, 0.3089, 0.4109
Android (android.graphics.Color)	4287415436 (0xFF8CC48C)
YUV	172.8720, -16.2059, -28.8287
Hunter-Lab	68.5192, -27.9774, 20.2624

Details

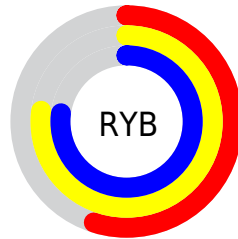
The XYZ color **35.2888, 46.9488, 32.0130** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.1085, 34.4785, 56.6623**, and the grayscale version is **39.7419, 41.8116, 45.5328**.

A 20% lighter version of the original color is **67.3686, 85.7477, 64.0392**, and **15.5007, 22.1420, 12.9081** is the 20% darker color. If you saturate the color by 10%, you get **30.9569, 44.8694, 24.9264**, and if you desaturate by 10%, it is **40.4689, 49.4385, 40.4851**.

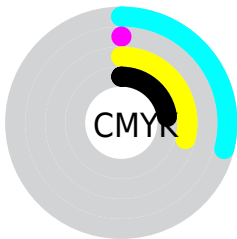
Distribution



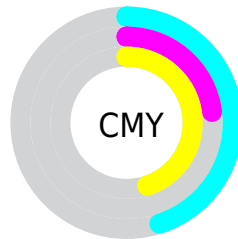
- Red (55%)
- Green (77%)
- Blue (55%)



- Red (55%)
- Yellow (77%)
- Blue (77%)



- Cyan (29%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)





- Cyan (45%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2888, 46.9488, 32.0130 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 35.2888, 46.9488, 32.0130 by changing the saturation by 10% instead.


 35.2888, 46.9488,
32.0130


 35.2888, 46.9488,
32.0130


317.3270,
374.6101, 325.6730


 24.0530, 32.9952,
21.1065


 67.2640, 85.6372,
63.9296

 15.4979, 22.1228,
13.0099


 88.7341, 111.1408,
85.7768

 9.2581, 13.9471,
7.3045


 114.3463,
141.2631, 112.1081

 4.9684, 8.0839,
3.5720

144.4661,
176.3886, 143.3418

 2.2633, 4.1487,
1.3936

179.4586,
216.9016, 179.8966

 0.7758, 1.7571,
0.1367

219.6894,

 0.0000, 0.4602,

263.1867, 222.1911

0.0000

265.5237,
315.6280, 270.6437

■ 0.0000, 0.0000,
0.0000

■ 35.2888, 46.9488,
32.0130

■ 35.2888, 46.9488,
32.0130

■ 30.9569, 44.8694,
24.9264

■ 40.4689, 49.4385,
40.4851

■ 27.4246, 43.1726,
19.1487

■ 46.5351, 52.3524,
50.4074

■ 24.6441, 41.8370,
14.6007

■ 53.5275, 55.7112,
61.8447

■ 22.5610, 40.8364,
11.1934

■ 61.4826, 59.5324,
74.8566

■ 21.1136, 40.1411,
8.8258

■ 70.4348, 63.8326,
89.4996

■ 20.2293, 39.7164,
7.3793

■ 79.0309, 67.9617,
103.5603

■ 19.7912, 39.5059,
6.6627

■ 19.7409, 39.4817,
6.5804

Harmonies

Analogous

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



39.9409, 46.9488, 24.3376



35.2888, 46.9488, 32.0130



33.1792, 46.9488, 46.5063

Triad

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



35.2888, 46.9488, 32.0130



42.9822, 46.9488, 96.3243



57.4176, 46.9488, 38.4336

Complementary

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



35.2888, 46.9488, 32.0130



42.1085, 34.4785, 56.6623

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.



58.4363, 46.9488, 56.0276



35.2888, 46.9488, 32.0130



49.6584, 46.9488, 92.6323

Square

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



35.2888, 46.9488, 32.0130



37.3269, 46.9488, 85.7372



55.4741, 46.9488, 76.6251



52.8138, 46.9488, 27.3561

Rectangle

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



35.2888, 46.9488, 32.0130



33.3362, 46.9488, 59.3907



55.4741, 46.9488, 76.6251



58.2080, 46.9488, 43.6539

Sweetspot

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



35.2900, 46.9508, 32.0140



83.6276, 94.5132, 90.2166



47.2406, 53.1115, 32.5731



17.5329, 20.0535, 18.7100



0.0000, 0.0000, 0.0000



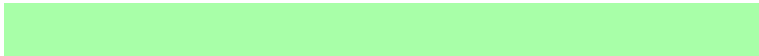
20.3446, 21.4041, 23.3091

Same Dimension

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



35.2900, 46.9508, 32.0140



59.0684, 82.7162, 50.0456



37.6244, 47.8845, 44.3067



9.9445, 11.2588, 10.7109



12.6838, 25.3676, 4.2280



0.5480, 1.0961, 0.1827

Inverse Universe

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



42.1085, 34.4785, 56.6623



73.3479, 56.5961, 101.6652



39.2124, 33.3201, 41.4118



10.4973, 10.2475, 12.7095



21.0295, 10.1016, 34.3972



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 35.2888, 46.9488, 32.0130 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 35.2888, 46.9488, 32.0130 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 35.2888, 46.9488, 32.0130

Background



This preview shows how black text looks on a background with the XYZ color 35.2888, 46.9488, 32.0130.



This preview shows how white text looks on a background with the XYZ color 35.2888, 46.9488,

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

35.2888, 46.9488, 32.0130

Protanopia

43.3326, 46.3711, 29.2209

Deuteranopia

47.3983, 46.3135, 33.2293



Tritanopia

41.5252, 46.8575, 63.3557

Trichromacy



Original Color

35.2888, 46.9488, 32.0130

Protanomaly

39.6820, 46.0093, 30.0818

Deuteranomaly

41.9356, 45.8782, 32.6317

Tritanomaly

38.9016, 46.7599, 50.1553

Monochromacy



Original Color

35.2888, 46.9488, 32.0130

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

37.6548, 43.1980, 40.0716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2888, 46.9488, 32.0130 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, 196, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 196, 140)  
}
```

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, 196, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 196, 140) }
```

Border

The CSS property to change the border of an element to XYZ 35.2888, 46.9488, 32.0130 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, 196, 140) }
```


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

```
.border{ border-color:rgb(140, 196, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 196, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 196, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 196, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 196,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2888, 46.9488, 32.0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 196, 140) }
```

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

```
.background{ background-color: rgb(140,  
196, 140) }
```

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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