

Converting Colors

XYZ(42.3408, 52.5187, 29.0356)

Have a look what the booklet for
XYZ(42.3408, 52.5187, 29.0356)
contains.

XYZ(42.1495, 52.2692, 28.9866)	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(42.1495, 52.2692,
28.9866)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC982
RGB	173, 201, 130
RGB Percent	68%, 79%, 51%
CMY	0.3216, 0.2117, 0.4902
CMYK	0.14, 0.00, 0.35, 0.21
HSL	84°, 40%, 65%
HSV	84°, 35%, 79%
XYZ	42.1495, 52.2692, 28.9866
YIQ	184.5340, 6.1030, -28.0170

Conversions

Conversions Part 2

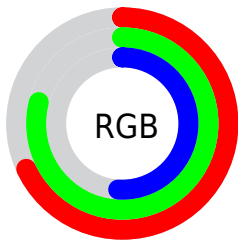
Format	Color
RYB	130, 201, 158
Decimal	11389314
CIELab	77.44, -21.48, 32.45
CIELCh	77, 38.910, 123.500
Yxy	52.2692, 0.3416, 0.4236
Android (android.graphics.Color)	4289579394 (0xFFADC982)
YUV	184.5340, -26.8853, -10.1153
Hunter-Lab	72.2974, -22.4548, 26.8368

Details

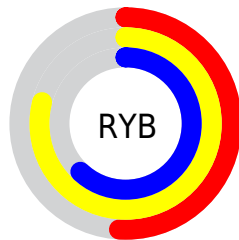
The XYZ color **42.1495, 52.2692, 28.9866** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.6279, 27.4529, 58.8405**, and the grayscale version is **45.9985, 48.3940, 52.7011**.

A 20% lighter version of the original color is **76.7248, 91.6387, 58.9916**, and **19.6274, 25.4397, 11.4653** is the 20% darker color. If you saturate the color by 10%, you get **39.2290, 50.9062, 22.4821**, and if you desaturate by 10%, it is **45.4403, 53.7959, 36.8862**.

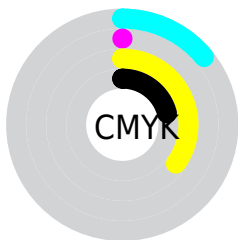
Distribution



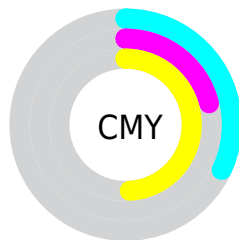
- Red (68%)
- Green (79%)
- Blue (51%)



- Red (51%)
- Yellow (79%)
- Blue (62%)



- Cyan (14%)
- Magenta (0%)
- Yellow (35%)
- Black (21%)



- Cyan (32%)
- Magenta (21%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1495, 52.2692, 28.9866 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 42.1495, 52.2692, 28.9866 by changing the saturation by 10% instead.

■ 42.1495, 52.2692,
28.9866

■ 42.1495, 52.2692,
28.9866

346.0834,
395.4750, 311.2107

■ 29.4100, 37.2197,
18.8252

■ 77.6896, 93.5281,
59.0977

■ 19.5370, 25.3776,
11.3685

■ 101.2209,
120.5063, 79.8845

■ 12.1653, 16.3586,
6.1980

■ 129.0801,
152.2296, 105.0502

■ 6.9293, 9.7783,
2.8951

161.6327,
189.0822, 135.0133

■ 3.4639, 5.2522,
1.0413

199.2440,
231.4487, 170.1924

■ 1.4036, 2.3960,
0.0000

242.2793,

■ 0.2588, 0.8238,

279.7134, 211.0059

0.0000

291.1040,
334.2607, 257.8725

■ 0.0000, 0.0000,
0.0000

■ 42.1495, 52.2692,
28.9866

■ 42.1495, 52.2692,
28.9866

■ 39.2290, 50.9062,
22.4821

■ 45.4403, 53.7959,
36.8862

■ 36.6576, 49.6929,
17.2882

■ 49.1133, 55.4859,
46.2524

■ 34.4178, 48.6238,
13.3163


■ 53.1847, 57.3476,
57.1555


■ 32.4886, 47.6904,
10.4655


■ 57.6684, 59.3870,
69.6605


■ 30.8457, 46.8826,
8.6186


■ 62.5778, 61.6093,
83.8286


 29.4601, 46.1887,
7.6325

 67.9254, 64.0200,
99.7178

 28.8750, 45.8930,
7.3364

 71.0901, 65.5706,
103.5173

 73.6705, 66.9009,
103.6380

 76.3680, 68.2914,
103.7643

Harmonies

Analogous

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



48.8065, 52.2692, 24.8780



42.1495, 52.2692, 28.9866



37.8766, 52.2692, 40.4245

Triad

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



42.1495, 52.2692, 28.9866



43.5287, 52.2692, 102.3668



65.4822, 52.2692, 54.4318

Complementary

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



42.1495, 52.2692, 28.9866



32.6279, 27.4529, 58.8405

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.



63.7121, 52.2692, 77.3656



42.1495, 52.2692, 28.9866



50.5645, 52.2692, 108.7907

Square

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



42.1495, 52.2692, 28.9866



38.6150, 52.2692, 82.8407



58.0586, 52.2692, 98.6885



62.6801, 52.2692, 37.0517

Rectangle

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



42.1495, 52.2692, 28.9866



36.7037, 52.2692, 52.3707



58.0586, 52.2692, 98.6885



65.4032, 52.2692, 61.7091

Sweetspot

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



42.1508, 52.2715, 28.9877



86.9045, 96.2851, 86.6414



40.2123, 38.2183, 26.3774



18.3991, 20.5165, 18.0076



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.



42.1508, 52.2715, 28.9877



68.4679, 87.7650, 41.3072



35.4457, 48.8149, 28.6739



11.1034, 12.2002, 11.3324



18.2600, 28.9087, 4.6175



0.9444, 1.4099, 0.2224

Inverse Universe

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



32.6279, 27.4529, 58.8405



49.8948, 39.3338, 99.5702



40.4474, 31.4840, 59.2064



10.4459, 10.4881, 13.3913



8.7672, 3.7539, 35.0069



0.4962, 0.2196, 1.6614

Previews

White Background



This preview shows how the XYZ color 42.1495, 52.2692, 28.9866 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 42.1495, 52.2692, 28.9866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

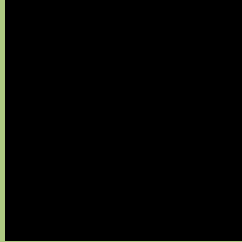
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1495, 52.2692, 28.9866

Background



This preview shows how black text looks on a background with the XYZ color 42.1495, 52.2692, 28.9866.



This preview shows how white text looks on a background with the XYZ color 42.1495, 52.2692,

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

42.1495, 52.2692, 28.9866

Protanopia

48.1288, 52.0334, 27.2454

Deuteranopia

52.9151, 51.9191, 29.7867



Tritanopia

49.8793, 52.3946, 66.5157

Trichromacy



Original Color

42.1495, 52.2692, 28.9866

Protanomaly

45.8515, 52.1646, 27.7308

Deuteranomaly

48.3792, 51.7858, 29.6361

Tritanomaly

46.4742, 51.9882, 50.2331

Monochromacy



Original Color

42.1495, 52.2692, 28.9866

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.4784, 49.8020, 42.8658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1495, 52.2692, 28.9866 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(173, 201, 130)` looks like.

```
.text, #text, p{  
    color:rgb(173, 201, 130)  
}
```

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(173, 201, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 201, 130) }
```

Border

The CSS property to change the border of an element to XYZ 42.1495, 52.2692, 28.9866 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(173, 201, 130) }
```


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

```
.border{ border-color:rgb(173, 201, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 201, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 201, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 201, 130); box-shadow:4px 4px 4px 4px rgb(173, 201, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1495, 52.2692, 28.9866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 201, 130) }
```

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

```
.background{ background-color: rgb(173,  
201, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor