

Converting Colors

XYZ(42.9230, 55.5319, 30.1906)

Have a look what the booklet for
XYZ(42.9230, 55.5319, 30.1906)
contains.

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Color

**XYZ(42.9017, 55.4824,
30.2778)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D184
RGB	167, 209, 132
RGB Percent	65%, 82%, 52%
CMY	0.3451, 0.1804, 0.4823
CMYK	0.20, 0.00, 0.37, 0.18
HSL	93°, 46%, 67%
HSV	93°, 37%, 82%
XYZ	42.9017, 55.4824, 30.2778
YIQ	187.6640, -0.3150, -32.8510

Conversions

Conversions Part 2

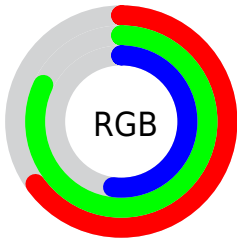
Format	Color
RYB	132, 209, 174
Decimal	10998148
CIELab	79.32, -27.31, 33.80
CIElCh	79, 43.454, 128.939
Yxy	55.4824, 0.3334, 0.4312
Android (android.graphics.Color)	4289188228 (0xFFA7D184)
YUV	187.6640, -27.4424, -18.1223
Hunter-Lab	74.4865, -27.5415, 28.0399

Details

The XYZ color **42.9017, 55.4824, 30.2778** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **37.2178, 30.1062, 64.1742**, and the grayscale version is **47.7614, 50.2487, 54.7209**.

A 20% lighter version of the original color is **75.0544, 90.7531, 60.0157**, and **19.9802, 27.2827, 11.9976** is the 20% darker color. If you saturate the color by 10%, you get **39.3094, 53.7812, 23.3773**, and if you desaturate by 10%, it is **46.9957, 57.4125, 38.6997**.

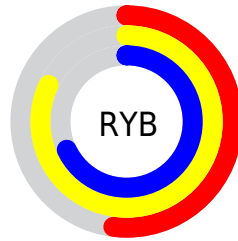
Distribution



Red (65%)

Green (82%)

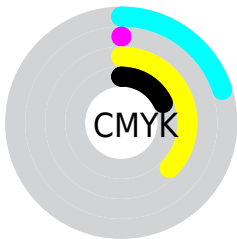
Blue (52%)



Red (52%)

Yellow (82%)

Blue (68%)

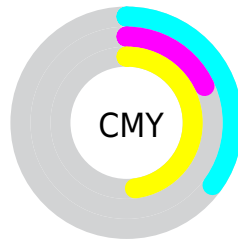


Cyan (20%)

Magenta (0%)

Yellow (37%)

Black (18%)



Cyan (35%)

Magenta (18%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9017, 55.4824, 30.2778 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 42.9017, 55.4824, 30.2778 by changing the saturation by 10% instead.

■ 42.9017, 55.4824,
30.2778

■ 42.9017, 55.4824,
30.2778

349.1357,
407.7379, 317.4447

■ 30.0022, 39.7881,
19.7957

■ 78.8191, 98.2474,
61.1674

■ 19.9883, 27.3734,
12.0640

■ 102.5678,
126.0868, 82.4120

■ 12.4948, 17.8538,
6.6642

■ 130.6635,
158.7435, 108.0812

■ 7.1562, 10.8451,
3.1778

163.4716,
196.6017, 138.5935

■ 3.6072, 5.9628,
1.1861

201.3576,
240.0458, 174.3675

■ 1.4824, 2.8225,
0.0000

244.6867,

■ 0.3138, 1.0398,

289.4603, 215.8216

0.0000

293.8243,
345.2296, 263.3745

■ 0.0000, 0.0000,
0.0000

■ 42.9017, 55.4824,
30.2778

■ 42.9017, 55.4824,
30.2778

■ 39.3094, 53.7812,
23.3773

■ 46.9957, 57.4125,
38.6997

■ 36.1920, 52.2921,
17.9037

■ 51.6084, 59.5733,
48.7226

■ 33.5261, 51.0067,
13.7576


■ 56.7607, 61.9758,
60.4252


■ 31.2843, 49.9136,
10.8253


■ 62.4712, 64.6278,
73.8796


■ 29.4351, 48.9994,
8.9739


■ 68.7576, 67.5370,
89.1538

 27.9392, 48.2476,
8.0297

 75.2470, 70.5548,
104.2602

 27.5204, 48.0359,
7.8214

 79.1417, 72.5625,
104.4425

 82.0916, 74.0833,
104.5805

Harmonies

Analogous

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



50.1770, 55.4824, 24.3607



42.9017, 55.4824, 30.2778



38.6101, 55.4824, 44.7745

Triad

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



42.9017, 55.4824, 30.2778



46.9470, 55.4824, 117.0724



71.0508, 55.4824, 53.2667

Complementary

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



42.9017, 55.4824, 30.2778



37.2178, 30.1062, 64.1742

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.



69.9410, 55.4824, 79.3200



42.9017, 55.4824, 30.2778



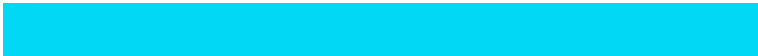
55.3772, 55.4824, 121.1911

Square

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



42.9017, 55.4824, 30.2778



40.7609, 55.4824, 95.8108



63.9651, 55.4824, 105.8758



66.8492, 55.4824, 35.0210

Rectangle

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



42.9017, 55.4824, 30.2778



37.7115, 55.4824, 59.5278



63.9651, 55.4824, 105.8758



71.2955, 55.4824, 61.3027

Sweetspot

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



42.9031, 55.4848, 30.2790



85.4513, 95.5359, 86.5734



45.4179, 45.1361, 28.1490



18.0529, 20.3380, 17.9914



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.



42.9031, 55.4848, 30.2790



62.8985, 84.9394, 38.9871



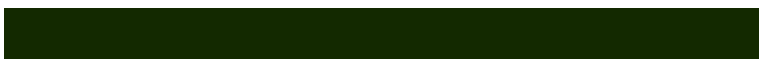
36.6606, 52.2461, 30.9152



12.1594, 13.4656, 12.5703



17.0780, 29.6730, 4.8274



1.0458, 1.7060, 0.2742

Inverse Universe

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



37.2178, 30.1062, 64.1742



52.7455, 39.6429, 99.4796



45.7413, 34.5367, 62.9273



11.7711, 11.7308, 14.8875



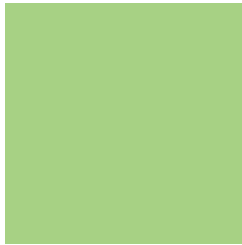
11.4902, 5.1037, 37.5720



0.7333, 0.3322, 2.1050

Previews

White Background



This preview shows how the XYZ color 42.9017, 55.4824, 30.2778 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 42.9017, 55.4824, 30.2778 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 42.9017, 55.4824, 30.2778

Background



This preview shows how black text looks on a background with the XYZ color 42.9017, 55.4824, 30.2778.



This preview shows how white text looks on a background with the XYZ color 42.9017, 55.4824,

30.2778.

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

42.9017, 55.4824, 30.2778

Protanopia

51.0113, 55.1583, 28.0367

Deuteranopia

56.1028, 55.0962, 31.3446



Tritanopia

51.2796, 55.3369, 72.2683

Trichromacy



Original Color

42.9017, 55.4824, 30.2778

Protanomaly

47.6140, 55.0940, 28.8936

Deuteranomaly

50.4076, 54.7844, 30.8394

Tritanomaly

47.7921, 55.3286, 54.0595

Monochromacy



Original Color

42.9017, 55.4824, 30.2778

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

45.6302, 52.0103, 44.6798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9017, 55.4824, 30.2778 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(167, 209, 132)` looks like.

```
.text, #text, p{  
    color:rgb(167, 209, 132)  
}
```

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(167, 209, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 209, 132) }
```

Border

The CSS property to change the border of an element to XYZ 42.9017, 55.4824, 30.2778 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(167, 209, 132) }
```


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

```
.border{ border-color:rgb(167, 209, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 209, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 209, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 209, 132);  
box-shadow:4px 4px 4px 4px rgb(167, 209,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9017, 55.4824, 30.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 209, 132) }
```

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

```
.background{ background-color: rgb(167,  
209, 132) }
```

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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