

Converting Colors

XYZ(42.7364, 53.9995, 36.1428)

Have a look what the booklet for
XYZ(42.7364, 53.9995, 36.1428)
contains.

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Color

**XYZ(42.9337, 54.2801,
36.2312)**

Conversions

Conversions Part 1

Format	Color
Hex	A5CE94
RGB	165, 206, 148
RGB Percent	65%, 81%, 58%
CMY	0.3529, 0.1921, 0.4196
CMYK	0.20, 0.00, 0.28, 0.19
HSL	102°, 37%, 69%
HSV	102°, 28%, 81%
XYZ	42.9337, 54.2801, 36.2312
YIQ	187.1290, -5.8180, -26.7300

Conversions

Conversions Part 2

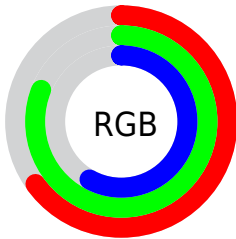
Format	Color
RYB	148, 206, 189
Decimal	10866324
CIELab	78.62, -24.23, 24.55
CIELCh	79, 34.494, 134.614
Yxy	54.2801, 0.3217, 0.4068
Android (android.graphics.Color)	4289056404 (0xFFA5CE94)
YUV	187.1290, -19.2906, -19.4071
Hunter-Lab	73.6750, -24.9115, 22.4155

Details

The XYZ color **42.9337, 54.2801, 36.2312** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.7190, 36.4564, 63.1807**, and the grayscale version is **47.4159, 49.8853, 54.3251**.

A 20% lighter version of the original color is **76.2395, 91.1564, 69.4538**, and **20.0680, 26.7643, 15.4176** is the 20% darker color. If you saturate the color by 10%, you get **38.5878, 52.2133, 28.2605**, and if you desaturate by 10%, it is **47.9176, 56.6455, 45.7488**.

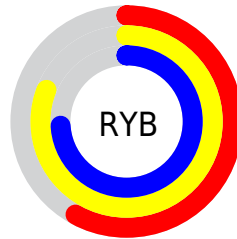
Distribution



Red (65%)

Green (81%)

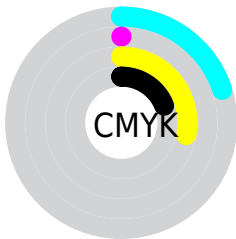
Blue (58%)



Red (58%)

Yellow (81%)

Blue (74%)

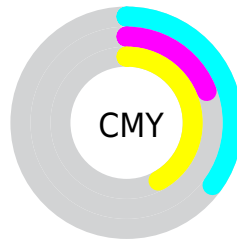


Cyan (20%)

Magenta (0%)

Yellow (28%)

Black (19%)



Cyan (35%)


Magenta (19%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9337, 54.2801, 36.2312 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 42.9337, 54.2801, 36.2312 by changing the saturation by 10% instead.


 42.9337, 54.2801,
36.2312


 42.9337, 54.2801,
36.2312


349.2652,
403.1772, 345.0379

 30.0274, 38.8256,
24.3217


 78.8671, 96.4854,
70.5618

 20.0076, 26.6241,
15.3580


 102.6250,
124.0050, 93.8200

 12.5088, 17.2911,
8.9216


130.7307,
156.3151, 121.6982

 7.1659, 10.4423,
4.5940

163.5497,
193.8002, 154.6149

 3.6133, 5.6932,
1.9565

201.4473,
236.8445, 192.9887

 1.4858, 2.6594,
0.5284

244.7888,

 0.3161, 0.9566,

285.8325, 237.2381

0.0000

293.9397,
341.1486, 287.7817

■ 0.0000, 0.0000,
0.0000

■ 42.9337, 54.2801,
36.2312

■ 42.9337, 54.2801,
36.2312

■ 38.5878, 52.2133,
28.2605

■ 47.9176, 56.6455,
45.7488

■ 34.8488, 50.4260,
21.7515

■ 53.5605, 59.3139,
56.8854

■ 31.6892, 48.9075,
16.6164


■ 59.8876, 62.2983,
69.7127


■ 29.0773, 47.6437,
12.7563


■ 66.9215, 65.6089,
84.2971


■ 26.9783, 46.6192,
10.0591


■ 74.6838, 69.2554,
100.7016

 25.3525, 45.8163,
8.3933

 80.4047, 72.1311,
104.2926

 24.1470, 45.2119,
7.5632

 81.3624, 72.6248,
104.3375

 23.9586, 45.1172,
7.4457

Harmonies

Analogous

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



48.3590, 54.2801, 29.7425



42.9337, 54.2801, 36.2312



39.9723, 54.2801, 49.7033

Triad

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



42.9337, 54.2801, 36.2312



48.1961, 54.2801, 103.1142



65.3224, 54.2801, 50.1390

Complementary

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



42.9337, 54.2801, 36.2312



42.7190, 36.4564, 63.1807

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.



65.2690, 54.2801, 69.6162



42.9337, 54.2801, 36.2312



54.9652, 54.2801, 103.3037

Square

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



42.9337, 54.2801, 36.2312



42.8235, 54.2801, 89.5333



61.3416, 54.2801, 90.0050



61.4816, 54.2801, 36.4894

Rectangle

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



42.9337, 54.2801, 36.2312



39.6135, 54.2801, 62.1691



61.3416, 54.2801, 90.0050



65.7694, 54.2801, 56.1371

Sweetspot

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



42.9351, 54.2824, 36.2324



86.8296, 96.1218, 92.2716



48.9128, 51.4856, 35.3775



18.2717, 20.4260, 19.1239



0.0000, 0.0000, 0.0000



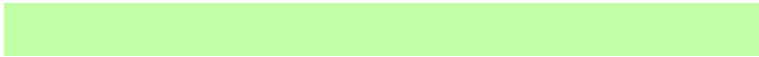
20.3446, 21.4041, 23.3091

Same Dimension

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



42.9351, 54.2824, 36.2324



65.0295, 85.7893, 50.3241



40.5959, 52.9651, 41.1593



11.3719, 12.6936, 11.9302



14.8371, 27.8241, 4.5886



0.8419, 1.4749, 0.2403

Inverse Universe

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



42.7190, 36.4564, 63.1807



64.6099, 52.0915, 101.2571



45.8281, 38.2161, 56.2382



11.3549, 11.2322, 14.1399



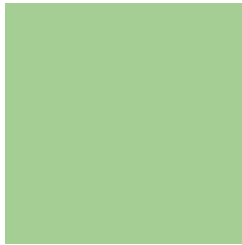
14.2194, 6.5379, 36.4688



0.8070, 0.3751, 1.8848

Previews

White Background



This preview shows how the XYZ color 42.9337, 54.2801, 36.2312 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 42.9337, 54.2801, 36.2312 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

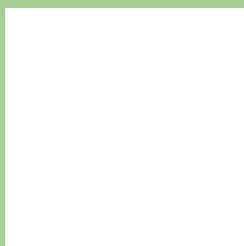
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9337, 54.2801, 36.2312

Background



This preview shows how black text looks on a background with the XYZ color 42.9337, 54.2801, 36.2312.



This preview shows how white text looks on a background with the XYZ color 42.9337, 54.2801,

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

42.9337, 54.2801, 36.2312

Protanopia

50.2621, 53.9766, 33.7560

Deuteranopia

54.9050, 53.7157, 37.1801



Tritanopia

49.8835, 54.3062, 70.8038

Trichromacy



Original Color

42.9337, 54.2801, 36.2312

Protanomaly

47.0431, 53.6390, 34.6620

Deuteranomaly

49.5577, 53.2117, 36.9371

Tritanomaly

46.8665, 54.1053, 56.1174

Monochromacy



Original Color

42.9337, 54.2801, 36.2312

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.4250, 51.1844, 47.0206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9337, 54.2801, 36.2312 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(165, 206, 148)` looks like.

```
.text, #text, p{  
    color:rgb(165, 206, 148)  
}
```

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(165, 206, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 206, 148) }
```

Border

The CSS property to change the border of an element to XYZ 42.9337, 54.2801, 36.2312 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(165, 206, 148) }
```


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

```
.border{ border-color:rgb(165, 206, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 206, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 206, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 206, 148); box-shadow:4px 4px 4px 4px rgb(165, 206, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9337, 54.2801, 36.2312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 206, 148) }
```

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

```
.background{ background-color: rgb(165,  
206, 148) }
```

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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