

Converting Colors

XYZ(42.6051, 60.8777, 35.7958)

Have a look what the booklet for
XYZ(42.6051, 60.8777, 35.7958)
contains.

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Color

**XYZ(42.6742, 60.9876,
35.9082)**

Conversions

Conversions Part 1

Format	Color
Hex	8DE090
RGB	141, 224, 144
RGB Percent	55%, 88%, 56%
CMY	0.4471, 0.1216, 0.4353
CMYK	0.37, 0.00, 0.36, 0.12
HSL	122°, 57%, 72%
HSV	122°, 37%, 88%
XYZ	42.6742, 60.9876, 35.9082
YIQ	190.0630, -23.7880, -42.4760

Conversions

Conversions Part 2

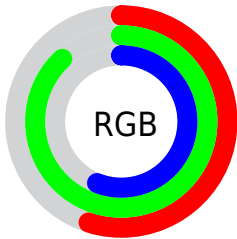
Format	Color
RYB	141, 221, 224
Decimal	9298064
CIELab	82.37, -41.15, 31.43
CIELCh	82, 51.781, 142.631
Yxy	60.9876, 0.3058, 0.4370
Android (android.graphics.Color)	4287488144 (0xFF8DE090)
YUV	190.0630, -22.7091, -43.0283
Hunter-Lab	78.0946, -39.1255, 27.4044

Details

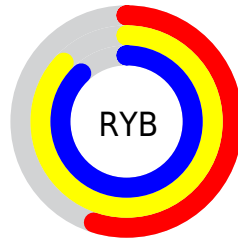
The XYZ color **42.6742, 60.9876, 35.9082** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **53.3184, 40.1187, 73.3423**, and the grayscale version is **49.1177, 51.6756, 56.2747**.

A 20% lighter version of the original color is **68.9790, 87.4675, 66.6734**, and **19.8162, 30.7740, 15.2515** is the 20% darker color. If you saturate the color by 10%, you get **37.7483, 58.6228, 27.8722**, and if you desaturate by 10%, it is **48.6891, 63.8809, 45.6450**.

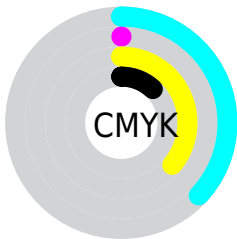
Distribution



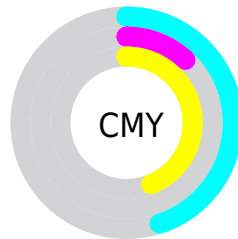
- Red (55%)
- Green (88%)
- Blue (56%)



- Red (55%)
- Yellow (87%)
- Blue (88%)



- Cyan (37%)
- Magenta (0%)
- Yellow (36%)
- Black (12%)



- Cyan (45%)
- Magenta (12%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6742, 60.9876, 35.9082 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 42.6742, 60.9876, 35.9082 by changing the saturation by 10% instead.

■ 42.6742, 60.9876,
35.9082

■ 42.6742, 60.9876,
35.9082

348.2145,
428.2285, 343.5844

■ 29.8230, 44.2152,
24.0742

■ 78.4778, 106.2610,
70.0578

■ 19.8517, 30.8397,
15.1759

■ 102.1608,
135.5307, 93.2105

■ 12.3949, 20.4768,
8.7950

130.1852,
169.7350, 120.9731

■ 7.0873, 12.7421,
4.5127

162.9163,
209.2582, 153.7642

■ 3.5636, 7.2512,
1.9106

200.7194,
254.4848, 192.0023

■ 1.4583, 3.6197,
0.4995

243.9599,

■ 0.2972, 1.4632,

305.7991, 236.1060

0.0000

293.0031,
363.5856, 286.4939

0.0000, 0.2626,
0.0000

0.0000, 0.0000,
0.0000

42.6742, 60.9876,
35.9082

42.6742, 60.9876,
35.9082

37.7483, 58.6228,
27.8722

48.6891, 63.8809,
45.6450

33.8420, 56.7474,
21.4358

55.8478, 67.3237,
57.1680

30.8852, 55.3295,
16.4931

64.2069, 71.3452,
70.5618

28.7969, 54.3297,
12.9241

73.8180, 75.9702,
85.9045

■ 27.4827, 53.7025,
10.5902

■ 84.7296, 81.2223,
103.2697

■ 26.8218, 53.3892,
9.3235

■ 85.9468, 81.7937,
105.8656

■ 26.7012, 53.3314,
9.1193

Harmonies

Analogous

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



50.1731, 60.9876, 24.6009



42.6742, 60.9876, 35.9082



39.3533, 60.9876, 58.9058

Triad

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



42.6742, 60.9876, 35.9082



55.2855, 60.9876, 146.8294



79.8609, 60.9876, 45.6435

Complementary

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



42.6742, 60.9876, 35.9082



53.3184, 40.1187, 73.3423

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.



81.6820, 60.9876, 74.5154



42.6742, 60.9876, 35.9082



66.5287, 60.9876, 139.8475

Square

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



42.6742, 60.9876, 35.9082



46.0091, 60.9876, 127.4184



76.5357, 60.9876, 110.5827



71.8354, 60.9876, 28.8481

Rectangle

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



42.6742, 60.9876, 35.9082



39.6154, 60.9876, 80.6124



76.5357, 60.9876, 110.5827



81.2572, 60.9876, 53.9736

Sweetspot

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



42.6758, 60.9902, 35.9096



81.4214, 93.4422, 87.1175



61.3558, 70.6462, 35.6021



17.0984, 19.8421, 18.1195



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.



42.6758, 60.9902, 35.9096



52.3083, 79.4439, 40.1222



46.4270, 62.4907, 55.6632



13.5488, 15.3452, 14.6591



15.5504, 31.0450, 5.3554



1.0850, 2.1547, 0.4090

Inverse Universe

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



53.3184, 40.1187, 73.3423



68.4361, 47.8064, 96.8403



48.4782, 38.1826, 47.8540



14.2725, 13.9266, 17.2051



25.1100, 12.1110, 38.8404



1.7473, 0.8422, 2.7280

Previews

White Background



This preview shows how the XYZ color 42.6742, 60.9876, 35.9082 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 42.6742, 60.9876, 35.9082 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 42.6742, 60.9876, 35.9082

Background



This preview shows how black text looks on a background with the XYZ color 42.6742, 60.9876, 35.9082.



This preview shows how white text looks on a background with the XYZ color 42.6742, 60.9876,

35.9082.

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

42.6742, 60.9876, 35.9082

Protanopia

55.8556, 60.3355, 31.9946

Deuteranopia

61.2958, 59.9330, 37.1918



Tritanopia

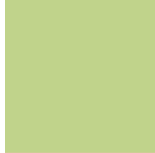
52.3186, 60.6271, 84.5460

Trichromacy



Original Color

42.6742, 60.9876, 35.9082



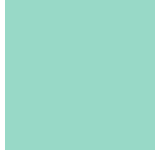
Protanomaly

49.6927, 59.6591, 33.3224



Deuteranomaly

52.5934, 59.2599, 36.6833



Tritanomaly

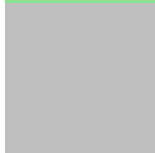
48.0706, 60.4246, 63.1624

Monochromacy



Original Color

42.6742, 60.9876, 35.9082



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

45.6766, 54.0288, 47.5564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6742, 60.9876, 35.9082 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(141, 224, 144)` looks like.

```
.text, #text, p{  
    color:rgb(141, 224, 144)  
}
```

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(141, 224, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 224, 144) }
```

Border

The CSS property to change the border of an element to XYZ 42.6742, 60.9876, 35.9082 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(141, 224, 144) }
```


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

```
.border{ border-color:rgb(141, 224, 144) }
```

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

Here you see how a box with a 4 pixel rgb(141, 224, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 224, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 224, 144);  
box-shadow:4px 4px 4px 4px rgb(141, 224,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6742, 60.9876, 35.9082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 224, 144) }
```

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

```
.background{ background-color: rgb(141,  
224, 144) }
```

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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