

Converting Colors

XYZ(43.2391, 57.7826, 35.2598)

Have a look what the booklet for
XYZ(43.2391, 57.7826, 35.2598)
contains.

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Color

**XYZ(43.2391, 57.7826,
35.2598)**

Conversions

Conversions Part 1

Format	Color
Hex	9DD790
RGB	157, 215, 144
RGB Percent	62%, 84%, 56%
CMY	0.3843, 0.1568, 0.4353
CMYK	0.27, 0.00, 0.33, 0.16
HSL	109°, 47%, 70%
HSV	109°, 33%, 84%
XYZ	43.2391, 57.7826, 35.2598
YIQ	189.5640, -11.7770, -34.3770

Conversions

Conversions Part 2

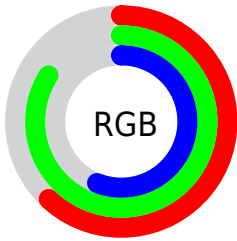
Format	Color
RYB	144, 215, 202
Decimal	10344336
CIELab	80.62, -31.91, 29.24
CIELCh	81, 43.280, 137.499
Yxy	57.7826, 0.3173, 0.4240
Android (android.graphics.Color)	4288534416 (0xFF9DD790)
YUV	189.5640, -22.4631, -28.5586
Hunter-Lab	76.0149, -31.4909, 25.7085

Details

The XYZ color **43.2391, 57.7826, 35.2598** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.5987, 37.4111, 69.0581**, and the grayscale version is **48.8239, 51.3666, 55.9382**.

A 20% lighter version of the original color is **73.3936, 89.7434, 66.8800**, and **20.2555, 28.8750, 14.8618** is the 20% darker color. If you saturate the color by 10%, you get **38.5661, 55.5474, 27.2649**, and if you desaturate by 10%, it is **48.7207, 60.4019, 44.9286**.

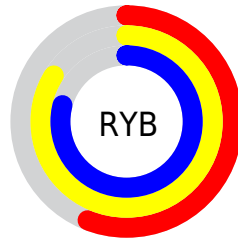
Distribution



Red (62%)

Green (84%)

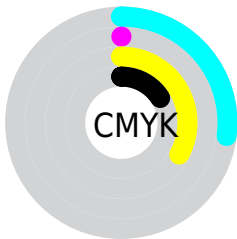
Blue (56%)



Red (56%)

Yellow (84%)

Blue (79%)

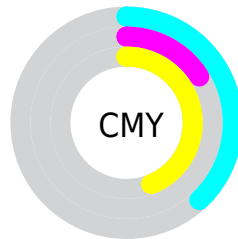


Cyan (27%)

Magenta (0%)

Yellow (33%)

Black (16%)



Cyan (38%)


Magenta (16%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2391, 57.7826, 35.2598 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 43.2391, 57.7826, 35.2598 by changing the saturation by 10% instead.


 43.2391, 57.7826,
35.2598

 43.2391, 57.7826,
35.2598


350.4990,
416.3754, 340.6526

 30.2681, 41.6339,
23.5779


 79.3250, 101.6062,
69.0442

 20.1913, 28.8147,
14.8115


 103.1706,
130.0499, 91.9837

 12.6432, 18.9407,
8.5421

131.3718,
163.3607, 119.5130

 7.2586, 11.6274,
4.3510

164.2940,
201.9230, 152.0504

 3.6721, 6.4905,
1.8198

202.3024,
246.1213, 190.0145

 1.5184, 3.1456,
0.4410

245.7625,

 0.3383, 1.2082,

296.3398, 233.8239

0.0000

295.0396,
352.9630, 283.8971

■ 0.0000, 0.0684,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.2391, 57.7826,
35.2598

■ 43.2391, 57.7826,
35.2598

■ 38.5661, 55.5474,
27.2649

■ 48.7207, 60.4019,
44.9286

■ 34.6586, 53.6711,
20.8451

■ 55.0426, 63.4146,
56.3547

■ 31.4759, 52.1366,
15.8975

■ 62.2401, 66.8388,
69.6207

■ 28.9719, 50.9226,
12.3051

■ 70.3451, 70.6895,
84.8028

■ 27.0947, 50.0054,
9.9334

■ 79.3881, 74.9807,
101.9729

■ 25.7842, 49.3576,
8.6199

■ 83.5916, 77.0832,
105.0805

■ 25.1520, 49.0416,
8.1403

Harmonies

Analogous

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



49.9312, 57.7826, 26.7778



43.2391, 57.7826, 35.2598



39.8424, 57.7826, 52.8863

Triad

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



43.2391, 57.7826, 35.2598



51.2969, 57.7826, 123.9622



72.9232, 57.7826, 49.2921

Complementary

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



43.2391, 57.7826, 35.2598



46.5987, 37.4111, 69.0581

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.



73.3911, 57.7826, 74.1385



43.2391, 57.7826, 35.2598



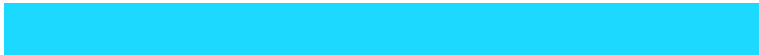
60.2318, 57.7826, 122.2310

Square

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



43.2391, 57.7826, 35.2598



44.1455, 57.7826, 106.4374



68.5367, 57.7826, 102.2021



67.3202, 57.7826, 33.2442

Rectangle

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



43.2391, 57.7826, 35.2598



39.6333, 57.7826, 69.5347



68.5367, 57.7826, 102.2021



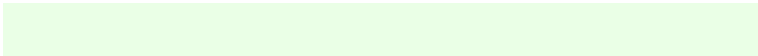
73.7064, 57.7826, 56.7302

Sweetspot

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



43.2406, 57.7851, 35.2611



83.9598, 94.7260, 88.3541



54.1775, 58.6966, 34.8606



17.6603, 20.1274, 18.3419



0.0000, 0.0000, 0.0000



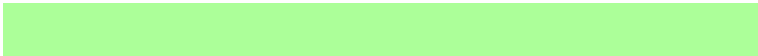
20.3446, 21.4041, 23.3091

Same Dimension

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



43.2406, 57.7851, 35.2611



58.4514, 82.5536, 42.9907



42.7312, 57.3038, 45.1193



12.4724, 14.0042, 13.2064



15.1081, 29.3648, 4.8717



0.9760, 1.8045, 0.2969

Inverse Universe

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



46.5987, 37.4111, 69.0581



64.1419, 47.8913, 100.4710



47.5715, 38.2239, 55.0427



12.7197, 12.5124, 15.6823



18.0797, 8.4729, 39.1357



1.1498, 0.5416, 2.3633

Previews

White Background



This preview shows how the XYZ color 43.2391, 57.7826, 35.2598 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 43.2391, 57.7826, 35.2598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

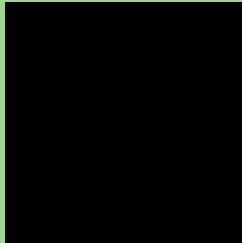
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2391, 57.7826, 35.2598

Background



This preview shows how black text looks on a background with the XYZ color 43.2391, 57.7826, 35.2598.



This preview shows how white text looks on a background with the XYZ color 43.2391, 57.7826,

35.2598.

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

43.2391, 57.7826, 35.2598

Protanopia

53.2577, 57.2519, 31.9107

Deuteranopia

58.3166, 57.0937, 36.3803



Tritanopia

51.5937, 57.4826, 77.4832

Trichromacy



Original Color

43.2391, 57.7826, 35.2598

Protanomaly

49.0706, 57.1582, 33.2573

Deuteranomaly

51.6529, 56.6805, 35.8218

Tritanomaly

48.0551, 57.4953, 59.6039

Monochromacy



Original Color

43.2391, 57.7826, 35.2598

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

46.3263, 53.3290, 47.3870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2391, 57.7826, 35.2598 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(157, 215, 144)` looks like.

```
.text, #text, p{  
    color:rgb(157, 215, 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(157, 215, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 215, 144) }
```

Border

The CSS property to change the border of an element to XYZ 43.2391, 57.7826, 35.2598 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(157, 215, 144) }
```


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

```
.border{ border-color:rgb(157, 215, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 215, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 215, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 215, 144);  
box-shadow:4px 4px 4px 4px rgb(157, 215,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2391, 57.7826, 35.2598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 215, 144) }
```

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

```
.background{ background-color: rgb(157,  
215, 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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