

Converting Colors

XYZ(47.2315, 58.2057, 41.5463)

Have a look what the booklet for
XYZ(47.2315, 58.2057, 41.5463)
contains.

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Color

**XYZ(47.2315, 58.2057,
41.5463)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD39F
RGB	175, 211, 159
RGB Percent	69%, 83%, 62%
CMY	0.3137, 0.1725, 0.3765
CMYK	0.17, 0.00, 0.25, 0.17
HSL	102°, 37%, 73%
HSV	102°, 25%, 83%
XYZ	47.2315, 58.2057, 41.5463
YIQ	194.3080, -4.7640, -23.8040

Conversions

Conversions Part 2

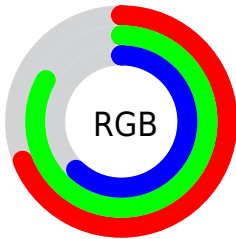
Format	Color
RYB	159, 211, 195
Decimal	11522975
CIELab	80.85, -21.43, 21.93
CIELCh	81, 30.662, 134.350
Yxy	58.2057, 0.3213, 0.3960
Android (android.graphics.Color)	4289713055 (0xFFAFD39F)
YUV	194.3080, -17.4068, -16.9331
Hunter-Lab	76.2927, -23.0058, 21.1176

Details

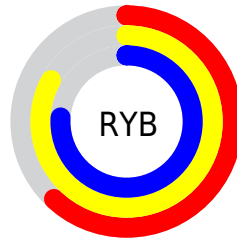
The XYZ color **47.2315, 58.2057, 41.5463** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.6640, 41.1031, 67.1053**, and the grayscale version is **51.5639, 54.2492, 59.0774**.

A 20% lighter version of the original color is **80.8526, 93.3640, 77.3780**, and **22.5683, 28.9760, 18.3134** is the 20% darker color. If you saturate the color by 10%, you get **42.4515, 55.9371, 32.5668**, and if you desaturate by 10%, it is **52.6819, 60.7873, 52.1911**.

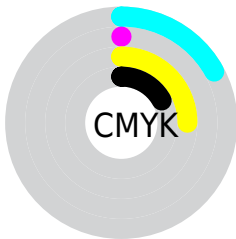
Distribution



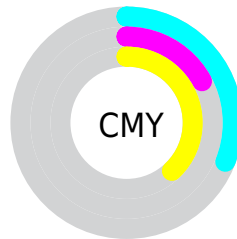
- Red (69%)
- Green (83%)
- Blue (62%)



- Red (62%)
- Yellow (83%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (25%)
- Black (17%)





- Cyan (31%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2315, 58.2057, 41.5463 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 47.2315, 58.2057, 41.5463 by changing the saturation by 10% instead.


 47.2315, 58.2057,
41.5463


 47.2315, 58.2057,
41.5463


366.3713,
417.9520, 368.3427

 33.4274, 41.9740,
28.4233


 85.2757, 102.2223,
78.7752

 22.6149, 29.0810,
18.4032


 110.2466,
130.7761, 103.7181

 14.4285, 19.1421,
11.0674


139.6704,
164.2061, 133.4381

 8.5030, 11.7730,
5.9974

173.9125,
202.8966, 168.3537

 4.4729, 6.5893,
2.7748

213.3383,
247.2320, 208.8834

 1.9730, 3.2066,
0.9808

258.3131,

 0.6187, 1.2405,

297.5968, 255.4458

0.0000

309.2024,
354.3753, 308.4594

■ 0.0000, 0.0944,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.2315, 58.2057,
41.5463

■ 47.2315, 58.2057,
41.5463

■ 42.4515, 55.9371,
32.5668

■ 52.6819, 60.7873,
52.1911

■ 38.3103, 53.9617,
25.1648

■ 58.8237, 63.6857,
64.5757

■ 34.7802, 52.2692,
19.2500

■ 65.6824, 66.9143,
78.7744

■ 31.8297, 50.8453,
14.7216

■ 73.2809, 70.4834,
94.8563

■ 29.4243, 49.6748,
11.4661

■ 80.0726, 73.7755,
104.6275

■ 27.5247, 48.7404,
9.3522

■ 82.5854, 75.0709,
104.7451

■ 26.0856, 48.0221,
8.2201

■ 25.4700, 47.7119,
7.8669

Harmonies

Analogous

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



52.3562, 58.2057, 35.2141



47.2315, 58.2057, 41.5463



44.3953, 58.2057, 54.4174

Triad

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



47.2315, 58.2057, 41.5463



52.0992, 58.2057, 103.2872



67.9926, 58.2057, 55.1112

Complementary

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



47.2315, 58.2057, 41.5463



46.6640, 41.1031, 67.1053

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.



67.9106, 58.2057, 73.2677



47.2315, 58.2057, 41.5463



58.3994, 58.2057, 103.5712

Square

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



47.2315, 58.2057, 41.5463



47.0558, 58.2057, 91.0470



64.2891, 58.2057, 91.7616



64.5054, 58.2057, 41.9702

Rectangle

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



47.2315, 58.2057, 41.5463



44.0364, 58.2057, 66.0613



64.2891, 58.2057, 91.7616



68.3895, 58.2057, 60.7647

Sweetspot

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



47.2330, 58.2082, 41.5476



87.9066, 96.6342, 94.2548



52.5350, 55.1759, 40.6828



18.6893, 20.6241, 19.9181



0.0000, 0.0000, 0.0000



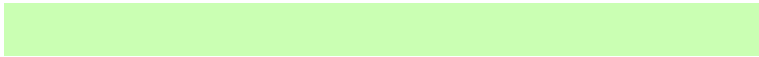
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2330, 58.2082, 41.5476



68.2131, 87.3161, 55.6416



44.7118, 56.8091, 45.9167



11.9935, 13.3801, 12.5625



15.4629, 28.8404, 4.7518



0.9455, 1.6543, 0.2695

Inverse Universe

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



46.6640, 41.1031, 67.1053



67.1750, 56.3264, 101.9393



49.8619, 42.8857, 61.1989



11.9421, 11.8190, 14.8955



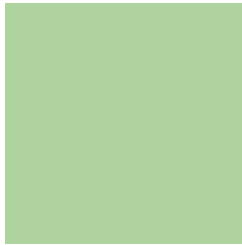
14.3678, 6.5871, 37.7067



0.8824, 0.4091, 2.1120

Previews

White Background



This preview shows how the XYZ color 47.2315, 58.2057, 41.5463 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 47.2315, 58.2057, 41.5463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

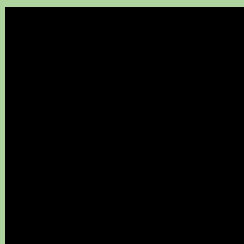
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

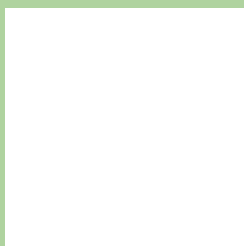
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2315, 58.2057, 41.5463

Background



This preview shows how black text looks on a background with the XYZ color 47.2315, 58.2057, 41.5463.



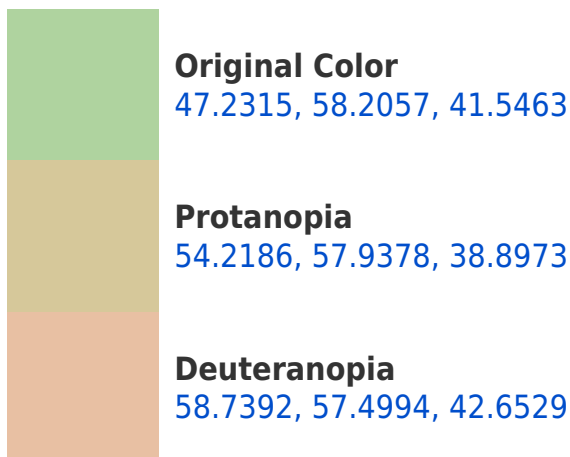
This preview shows how white text looks on a background with the XYZ color 47.2315, 58.2057,

41.5463.

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

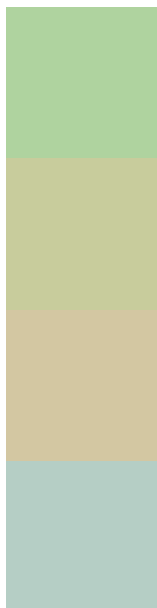




Tritanopia

54.1497, 58.1406, 75.3861

Trichromacy



Original Color

47.2315, 58.2057, 41.5463

Protanomaly

51.4130, 57.8654, 39.9119

Deuteranomaly

53.8090, 57.3044, 42.4072

Tritanomaly

51.2054, 57.9976, 61.3192

Monochromacy



Original Color

47.2315, 58.2057, 41.5463

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.4883, 55.2095, 51.7643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2315, 58.2057, 41.5463 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(175, 211, 159)` looks like.

```
.text, #text, p{  
    color:rgb(175, 211, 159)  
}
```

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(175, 211, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 211, 159) }
```

Border

The CSS property to change the border of an element to XYZ 47.2315, 58.2057, 41.5463 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(175, 211, 159) }
```


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

```
.border{ border-color:rgb(175, 211, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 211, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 211, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 211, 159); box-shadow:4px 4px 4px 4px rgb(175, 211, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2315, 58.2057, 41.5463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 211, 159) }
```

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

```
.background{ background-color: rgb(175,  
211, 159) }
```

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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