

Converting Colors

XYZ(42.6653, 58.9622, 30.6215)

Have a look what the booklet for
XYZ(42.6653, 58.9622, 30.6215)
contains.

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Color

**XYZ(42.7547, 59.1718,
30.6406)**

Conversions

Conversions Part 1

Format	Color
Hex	9ADB83
RGB	154, 219, 131
RGB Percent	60%, 86%, 51%
CMY	0.3961, 0.1412, 0.4863
CMYK	0.30, 0.00, 0.40, 0.14
HSL	104°, 55%, 69%
HSV	104°, 40%, 86%
XYZ	42.7547, 59.1718, 30.6406
YIQ	189.5330, -10.4920, -41.1480

Conversions

Conversions Part 2

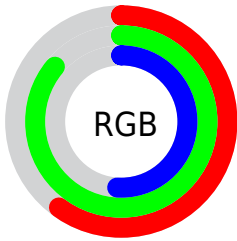
Format	Color
RYB	131, 219, 196
Decimal	10148739
CIELab	81.39, -36.66, 36.85
CIELCh	81, 51.977, 134.857
Yxy	59.1718, 0.3225, 0.4464
Android (android.graphics.Color)	4288338819 (0xFF9ADB83)
YUV	189.5330, -28.8568, -31.1624
Hunter-Lab	76.9232, -35.4035, 30.2294

Details

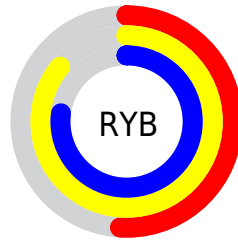
The XYZ color **42.7547, 59.1718, 30.6406** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **43.6701, 33.0846, 71.1054**, and the grayscale version is **48.8412, 51.3848, 55.9580**.

A 20% lighter version of the original color is **71.0953, 88.7244, 59.2773**, and **19.9790, 29.8394, 12.2960** is the 20% darker color. If you saturate the color by 10%, you get **38.5506, 57.1600, 23.4980**, and if you desaturate by 10%, it is **47.6905, 61.5281, 39.4575**.

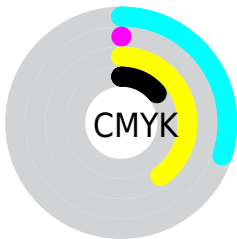
Distribution



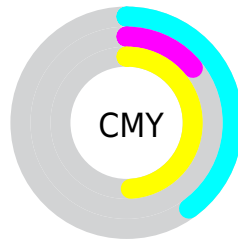
- Red (60%)
- Green (86%)
- Blue (51%)



- Red (51%)
- Yellow (86%)
- Blue (77%)



- Cyan (30%)
- Magenta (0%)
- Yellow (40%)
- Black (14%)



- Cyan (40%)
- Magenta (14%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7547, 59.1718, 30.6406 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 42.7547, 59.1718, 30.6406 by changing the saturation by 10% instead.

■ 42.7547, 59.1718,
30.6406

■ 42.7547, 59.1718,
30.6406

348.5406,
421.5383, 319.1789

■ 29.8864, 42.7514,
20.0692

■ 78.5986, 103.6273,
61.7467

■ 19.9000, 29.6901,
12.2608

■ 102.3049,
132.4313, 83.1185

■ 12.4302, 19.6035,
6.7968

■ 130.3545,
166.1318, 108.9274

■ 7.1117, 12.1072,
3.2588

163.1129,
205.1135, 139.5921

■ 3.5790, 6.8167,
1.2283

200.9453,
249.7605, 175.5310

■ 1.4668, 3.3477,
0.0019

244.2172,

■ 0.3031, 1.3159,

300.4574, 217.1628

0.0000

293.2938,
357.5885, 264.9059

■ 0.0000, 0.1534,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.7547, 59.1718,
30.6406

■ 42.7547, 59.1718,
30.6406

■ 38.5506, 57.1600,
23.4980

■ 47.6905, 61.5281,
39.4575

■ 35.0373, 55.4687,
17.9199


■ 53.3873, 64.2365,
50.0413


■ 32.1766, 54.0824,
13.7899


■ 59.8782, 67.3140,
62.4826


■ 29.9241, 52.9812,
10.9735


■ 67.1928, 70.7741,
76.8644

 28.2292, 52.1425,
9.3107

 75.3594, 74.6296,
93.2649

 27.0334, 51.5422,
8.5238

 83.1892, 78.4065,
105.3572

 84.6227, 79.1455,
105.4242

Harmonies

Analogous

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



51.0525, 59.1718, 22.1737



42.7547, 59.1718, 30.6406



38.3889, 59.1718, 50.0276

Triad

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



42.7547, 59.1718, 30.6406



50.9580, 59.1718, 141.1601



78.9478, 59.1718, 50.2721

Complementary

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



42.7547, 59.1718, 30.6406



43.6701, 33.0846, 71.1054

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.



78.9139, 59.1718, 81.3564



42.7547, 59.1718, 30.6406



61.7697, 59.1718, 141.2907

Square

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



42.7547, 59.1718, 30.6406



42.6932, 59.1718, 116.5157



72.3013, 59.1718, 116.8299



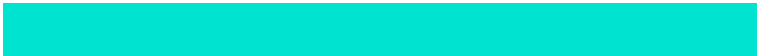
72.3887, 59.1718, 30.7696

Rectangle

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



42.7547, 59.1718, 30.6406



37.8869, 59.1718, 69.6277



72.3013, 59.1718, 116.8299



79.7319, 59.1718, 59.4939

Sweetspot

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



42.7562, 59.1743, 30.6419



82.6766, 94.1458, 84.6202



52.9475, 55.9711, 29.4865



17.4300, 20.0250, 17.5987



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.



42.7562, 59.1743, 30.6419



55.3974, 81.1576, 34.7909



40.3228, 57.7428, 38.5273



13.2040, 14.7699, 13.8805



16.1165, 30.6059, 5.0581



1.1246, 2.0243, 0.3315

Inverse Universe

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



43.6701, 33.0846, 71.1054



56.8181, 39.5757, 99.2520



47.5789, 35.3930, 58.0351



13.2650, 13.0947, 16.4805



16.4964, 7.6284, 40.3414



1.1477, 0.5349, 2.6172

Previews

White Background



This preview shows how the XYZ color 42.7547, 59.1718, 30.6406 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 42.7547, 59.1718, 30.6406 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 42.7547, 59.1718, 30.6406

Background



This preview shows how black text looks on a background with the XYZ color 42.7547, 59.1718, 30.6406.

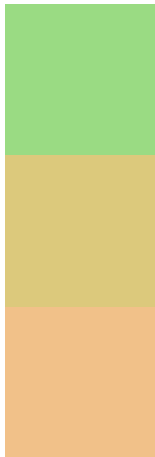


This preview shows how white text looks on a background with the XYZ color 42.7547, 59.1718,

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

42.7547, 59.1718, 30.6406

Protanopia

54.0399, 58.4442, 27.5014

Deuteranopia

59.8609, 58.6468, 31.8319



Tritanopia

52.7240, 59.0940, 79.8616

Trichromacy



Original Color

42.7547, 59.1718, 30.6406



Protanomaly

49.1516, 58.3798, 28.7565



Deuteranomaly

51.7882, 57.5456, 31.2996



Tritanomaly

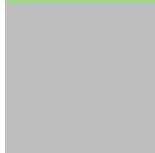
48.2573, 58.7411, 58.0849

Monochromacy



Original Color

42.7547, 59.1718, 30.6406



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

46.1795, 53.9850, 45.5223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7547, 59.1718, 30.6406 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(154, 219, 131)` looks like.

```
.text, #text, p{  
    color:rgb(154, 219, 131)  
}
```

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(154, 219, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 219, 131) }
```

Border

The CSS property to change the border of an element to XYZ 42.7547, 59.1718, 30.6406 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(154, 219, 131) }
```


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

```
.border{ border-color:rgb(154, 219, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 219, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 219, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 219, 131);  
box-shadow:4px 4px 4px 4px rgb(154, 219,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7547, 59.1718, 30.6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 219, 131) }
```

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

```
.background{ background-color: rgb(154,  
219, 131) }
```

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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