

Converting Colors

XYZ(36.3272, 52.5414, 26.9304)

Have a look what the booklet for
XYZ(36.3272, 52.5414, 26.9304)
contains.

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Color

**XYZ(36.2946, 52.5098,
26.9614)**

Conversions

Conversions Part 1

Format	Color
Hex	85D27B
RGB	133, 210, 123
RGB Percent	52%, 82%, 48%
CMY	0.4784, 0.1765, 0.5176
CMYK	0.37, 0.00, 0.41, 0.18
HSL	113°, 49%, 65%
HSV	113°, 41%, 82%
XYZ	36.2946, 52.5098, 26.9614
YIQ	177.0590, -17.9650, -43.3810

Conversions

Conversions Part 2

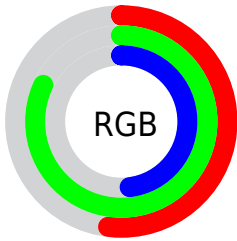
Format	Color
RYB	123, 210, 200
Decimal	8770171
CIELab	77.58, -40.63, 35.76
CIELCh	78, 54.131, 138.649
Yxy	52.5098, 0.3135, 0.4536
Android (android.graphics.Color)	4286960251 (0xFF85D27B)
YUV	177.0590, -26.6511, -38.6397
Hunter-Lab	72.4636, -37.4067, 28.6646

Details

The XYZ color **36.2946, 52.5098, 26.9614** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **42.5378, 31.1001, 64.7365**, and the grayscale version is **41.9645, 44.1499, 48.0792**.

A 20% lighter version of the original color is **64.5827, 85.4734, 54.1684**, and **16.1155, 25.5728, 10.2176** is the 20% darker color. If you saturate the color by 10%, you get **32.4394, 50.6599, 20.6395**, and if you desaturate by 10%, it is **40.9538, 54.7447, 34.7950**.

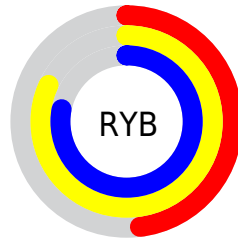
Distribution



Red (52%)

Green (82%)

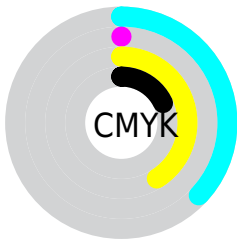
Blue (48%)



Red (48%)

Yellow (82%)

Blue (78%)

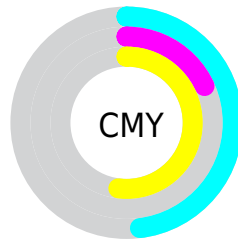


Cyan (37%)

Magenta (0%)

Yellow (41%)

Black (18%)



Cyan (48%)


Magenta (18%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2946, 52.5098, 26.9614 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 36.2946, 52.5098, 26.9614 by changing the saturation by 10% instead.


 36.2946, 52.5098,
26.9614


 36.2946, 52.5098,
26.9614


321.6552,
396.4016, 301.2244


 24.8330, 37.4116,
17.3121


 68.8074, 93.8827,
55.8249

 16.0807, 25.5263,
10.2929

 90.5893, 120.9261,
75.8761

 9.6725, 16.4696,
5.4855


 116.5421,
152.7200, 100.2318

 5.2430, 9.8571,
2.4711

147.0309,
189.6489, 129.3103

 2.4267, 5.3043,
0.8248

182.4213,
232.0971, 163.5303

 0.8585, 2.4269,
0.0000

223.0786,

 0.0000, 0.8397,

280.4490, 203.3103

0.0000

269.3681,
335.0891, 249.0688

■ 0.0000, 0.0000,
0.0000

■ 36.2946, 52.5098,
26.9614

■ 36.2946, 52.5098,
26.9614

■ 32.4394, 50.6599,
20.6395

■ 40.9538, 54.7447,
34.7950

■ 29.3385, 49.1668,
15.7288

■ 46.4549, 57.3776,
44.2255

■ 26.9432, 48.0093,
12.1218


■ 52.8382, 60.4290,
55.3356


■ 25.1970, 47.1610,
9.6945

■ 60.1404, 63.9162,
68.2015

■ 24.0344, 46.5914,
8.2986

■ 68.3959, 67.8554,
82.8948

 23.4275, 46.2911,
7.7003

 77.6374, 72.2620,
99.4827

 82.3377, 74.5753,
104.6626

Harmonies

Analogous

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



43.7558, 52.5098, 18.1473



36.2946, 52.5098, 26.9614



32.6880, 52.5098, 46.5804

Triad

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



36.2946, 52.5098, 26.9614



46.0581, 52.5098, 134.1820



71.4692, 52.5098, 40.6771

Complementary

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



36.2946, 52.5098, 26.9614



42.5378, 31.1001, 64.7365

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.



72.3135, 52.5098, 69.2636



36.2946, 52.5098, 26.9614



56.6136, 52.5098, 130.8617

Square

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



36.2946, 52.5098, 26.9614



37.7769, 52.5098, 112.1616



66.5621, 52.5098, 104.2389



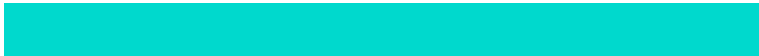
64.3948, 52.5098, 23.9436

Rectangle

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



36.2946, 52.5098, 26.9614



32.5641, 52.5098, 66.2717



66.5621, 52.5098, 104.2389



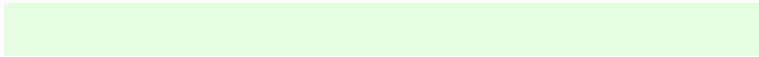
72.5243, 52.5098, 48.9500

Sweetspot

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



36.2959, 52.5120, 26.9626



81.2373, 93.4039, 84.5529



50.7754, 56.3734, 26.9447



17.0937, 19.8516, 17.5829



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.



36.2959, 52.5120, 26.9626



50.8049, 78.8296, 32.7879



37.2471, 52.7187, 39.8221



11.7807, 13.2704, 12.5526



14.3333, 28.2581, 4.6989



0.8447, 1.6023, 0.2648

Inverse Universe

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



42.5378, 31.1001, 64.7365



61.7576, 41.1145, 99.2886



41.5642, 31.0293, 45.2128



12.1715, 11.9372, 14.9063



19.4829, 9.2241, 37.9461



1.1282, 0.5358, 2.1235

Previews

White Background



This preview shows how the XYZ color 36.2946, 52.5098, 26.9614 looks on a white background.

Color Contrast Check

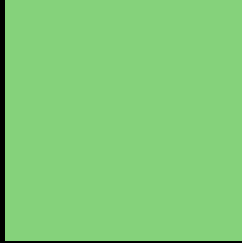
Large Text (above 18pt) WCAG AA × Fail

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 36.2946, 52.5098, 26.9614 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

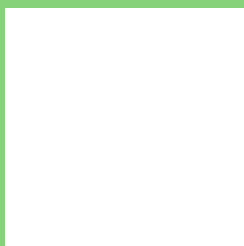
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2946, 52.5098, 26.9614

Background



This preview shows how black text looks on a background with the XYZ color 36.2946, 52.5098, 26.9614.



This preview shows how white text looks on a background with the XYZ color 36.2946, 52.5098,

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

36.2946, 52.5098, 26.9614

Protanopia

47.7956, 51.9325, 24.0279

Deuteranopia

52.6853, 51.5349, 27.9393



Tritanopia

45.2668, 52.2372, 71.9869

Trichromacy



Original Color

36.2946, 52.5098, 26.9614



Protanomaly

42.5799, 51.5438, 25.1575



Deuteranomaly

44.6727, 50.5690, 27.4850



Tritanomaly

41.3010, 52.0186, 52.1198

Monochromacy



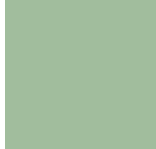
Original Color

36.2946, 52.5098, 26.9614



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

38.9813, 46.4066, 38.8011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2946, 52.5098, 26.9614 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(133, 210, 123)` looks like.

```
.text, #text, p{  
    color:rgb(133, 210, 123)  
}
```

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(133, 210, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 210, 123) }
```

Border

The CSS property to change the border of an element to XYZ 36.2946, 52.5098, 26.9614 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(133, 210, 123) }
```


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

```
.border{ border-color:rgb(133, 210, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 210, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 210, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 210, 123);  
box-shadow:4px 4px 4px 4px rgb(133, 210,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2946, 52.5098, 26.9614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 210, 123) }
```

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

```
.background{ background-color: rgb(133,  
210, 123) }
```

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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