

Converting Colors

XYZ(36.2726, 43.9089, 27.4398)

Have a look what the booklet for
XYZ(36.2726, 43.9089, 27.4398)
contains.

| | |
|--|----|
| XYZ(36.2117, 43.9643, 27.3463) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(36.2117, 43.9643,
27.3463)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A2B981 |
| RGB | 162, 185, 129 |
| RGB Percent | 64%, 73%, 51% |
| CMY | 0.3647, 0.2745, 0.4941 |
| CMYK | 0.12, 0.00, 0.30, 0.27 |
| HSL | 85°, 29%, 62% |
| HSV | 85°, 30%, 73% |
| XYZ | 36.2117, 43.9643, 27.3463 |
| YIQ | 171.7390, 4.2680, -22.2920 |

Conversions

Conversions Part 2

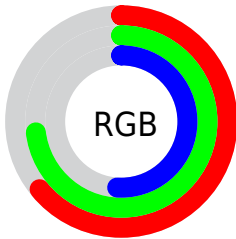
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 129, 185, 152 |
| Decimal | 10664321 |
| CIELab | 72.20, -17.72, 25.89 |
| CIELCh | 72, 31.375, 124.389 |
| Yxy | 43.9643, 0.3368, 0.4089 |
| Android (android.graphics.Color) | 4288854401 (0xFFA2B981) |
| YUV | 171.7390, -21.0703, -8.5411 |
| Hunter-Lab | 66.3056, -18.5499, 21.9610 |

Details

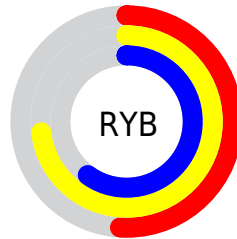
The XYZ color **36.2117, 43.9643, 27.3463** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.5579, 25.8800, 49.3389**, and the grayscale version is **39.1833, 41.2239, 44.8928**.

A 20% lighter version of the original color is **68.5141, 81.0397, 56.2871**, and **16.0930, 20.3820, 10.4831** is the 20% darker color. If you saturate the color by 10%, you get **33.5946, 42.7460, 21.3756**, and if you desaturate by 10%, it is **39.1470, 45.3237, 34.4960**.

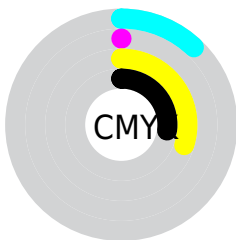
Distribution



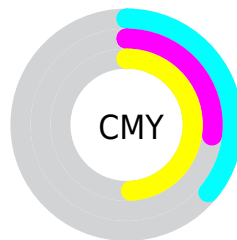
- Red (64%)
- Green (73%)
- Blue (51%)



- Red (51%)
- Yellow (73%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)



- Cyan (36%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2117, 43.9643, 27.3463 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 36.2117, 43.9643, 27.3463 by changing the saturation by 10% instead.


 36.2117, 43.9643,
27.3463


 36.2117, 43.9643,
27.3463


321.3000,
362.5626, 303.1430


 24.7686, 30.6424,
17.5987


 68.6804, 81.1640,
56.4495

 16.0326, 20.3267,
10.4958


 90.4368, 105.8107,
76.6423

 9.6382, 12.6328,
5.6191


 116.3616,
135.0011, 101.1539

 5.2201, 7.1762,
2.5498

146.8202,
169.1195, 130.4028

 2.4131, 3.5725,
0.8664

182.1780,
208.5505, 164.8077

 0.8516, 1.4374,
0.0000

222.8003,

 0.0000, 0.2441,

253.6785, 204.7870

0.0000

269.0526,
304.8877, 250.7592

■ 0.0000, 0.0000,
0.0000

■ 36.2117, 43.9643,
27.3463

■ 36.2117, 43.9643,
27.3463

■ 33.5946, 42.7460,
21.3756

■ 39.1470, 45.3237,
34.4960

■ 31.2788, 41.6572,
16.5175

■ 42.4099, 46.8236,
42.8803

■ 29.2504, 40.6939,
12.7037


■ 46.0135, 48.4709,
52.5551


■ 27.4932, 39.8492,
9.8571


■ 49.9690, 50.2702,
63.5717


■ 25.9887, 39.1156,
7.8897

■ 54.2870, 52.2261,
75.9787


 24.7153, 38.4842,
6.6978

 58.9779, 54.3428,
89.8224

 23.6578, 37.9517,
6.0785

 63.4819, 56.3966,
102.1475

 65.7684, 57.5753,
102.2545

 68.1599, 58.8082,
102.3664

Harmonies

Analogous

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



41.0000, 43.9643, 23.9885



36.2117, 43.9643, 27.3463



33.1348, 43.9643, 36.1709

Triad

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



36.2117, 43.9643, 27.3463



37.4726, 43.9643, 79.8657



52.9737, 43.9643, 45.6377

Complementary

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



36.2117, 43.9643, 27.3463



29.5579, 25.8800, 49.3389

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.



51.8271, 43.9643, 61.8526



36.2117, 43.9643, 27.3463



42.5835, 43.9643, 83.9045

Square

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



36.2117, 43.9643, 27.3463



33.8178, 43.9643, 66.6298



47.9065, 43.9643, 76.7182



50.9185, 43.9643, 33.0095

Rectangle

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



36.2117, 43.9643, 27.3463



32.3134, 43.9643, 45.0310



47.9065, 43.9643, 76.7182



52.9512, 43.9643, 50.8252

Sweetspot

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



36.2128, 43.9662, 27.3472



76.6462, 84.1744, 78.6244



35.1028, 34.1630, 25.5135



16.3309, 18.0580, 16.4429



88.6918, 93.3107, 101.6153



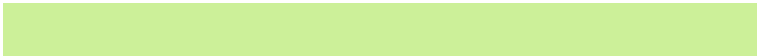
17.8044, 18.7317, 20.3988

Same Dimension

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



36.2128, 43.9662, 27.3472



61.8269, 77.3304, 41.9816



31.2402, 41.4028, 27.1145



9.3838, 10.3145, 9.6032



16.1923, 25.8838, 4.1426



0.6393, 0.9477, 0.1492

Inverse Universe

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



29.5579, 25.8800, 49.3389



48.0918, 39.9899, 87.3887



35.2919, 28.8359, 49.6072



8.8611, 8.8948, 11.3293



8.0702, 3.4716, 31.4978



0.3552, 0.1588, 1.1137

Previews

White Background



This preview shows how the XYZ color 36.2117, 43.9643, 27.3463 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 36.2117, 43.9643, 27.3463 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 36.2117, 43.9643, 27.3463

Background



This preview shows how black text looks on a background with the XYZ color 36.2117, 43.9643, 27.3463.



This preview shows how white text looks on a background with the XYZ color 36.2117, 43.9643,

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

36.2117, 43.9643, 27.3463

Protanopia

40.6590, 43.8721, 25.7272

Deuteranopia

44.3652, 43.4518, 27.8785



Tritanopia

41.9207, 43.8638, 55.5473

Trichromacy



Original Color

36.2117, 43.9643, 27.3463

Protanomaly

38.9095, 43.8522, 26.1522

Deuteranomaly

40.9126, 43.3750, 27.6886

Tritanomaly

39.5376, 43.7945, 43.4151

Monochromacy



Original Color

36.2117, 43.9643, 27.3463

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.8713, 42.1694, 37.5960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2117, 43.9643, 27.3463 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(162, 185, 129)` looks like.

```
.text, #text, p{  
    color:rgb(162, 185, 129)  
}
```

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(162, 185, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 185, 129) }
```

Border

The CSS property to change the border of an element to XYZ 36.2117, 43.9643, 27.3463 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(162, 185, 129) }
```


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

```
.border{ border-color:rgb(162, 185, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 185, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 185, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 185, 129);  
box-shadow:4px 4px 4px 4px rgb(162, 185,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2117, 43.9643, 27.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 185, 129) }
```

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

```
.background{ background-color: rgb(162,  
185, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor