

Converting Colors

XYZ(25.3116, 34.9132, 19.8729)

Have a look what the booklet for
XYZ(25.3116, 34.9132, 19.8729)
contains.

XYZ(25.3116, 34.9132, 19.8729)	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(25.3116, 34.9132,
19.8729)**

Conversions

Conversions Part 1

Format	Color
Hex	77AD6D
RGB	119, 173, 109
RGB Percent	47%, 68%, 43%
CMY	0.5333, 0.3216, 0.5725
CMYK	0.31, 0.00, 0.37, 0.32
HSL	111°, 28%, 55%
HSV	111°, 37%, 68%
XYZ	25.3116, 34.9132, 19.8729
YIQ	149.5580, -11.6400, -31.3520

Conversions

Conversions Part 2

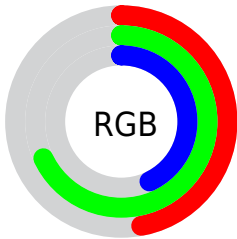
Format	Color
RYB	109, 173, 163
Decimal	7843181
CIELab	65.68, -30.39, 27.38
CIELCh	66, 40.905, 137.980
Yxy	34.9132, 0.3160, 0.4359
Android (android.graphics.Color)	4286033261 (0xFF77AD6D)
YUV	149.5580, -19.9951, -26.7994
Hunter-Lab	59.0874, -26.9379, 21.4201

Details

The XYZ color **25.3116, 34.9132, 19.8729** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.1174, 21.7421, 42.2517**, and the grayscale version is **28.8884, 30.3928, 33.0978**.

A 20% lighter version of the original color is **51.6859, 67.4961, 44.0221**, and **9.9160, 14.9881, 6.6453** is the 20% darker color. If you saturate the color by 10%, you get **22.6188, 33.6233, 15.3548**, and if you desaturate by 10%, it is **28.4973, 36.4381, 25.3724**.

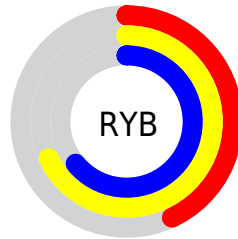
Distribution



Red (47%)

Green (68%)

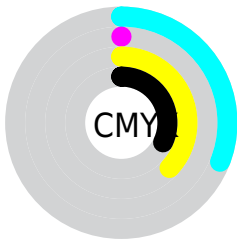
Blue (43%)



Red (43%)

Yellow (68%)

Blue (64%)

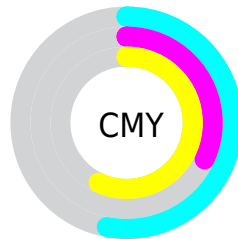


Cyan (31%)

Magenta (0%)

Yellow (37%)

Black (32%)



Cyan (53%)

Magenta (32%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3116, 34.9132, 19.8729 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 25.3116, 34.9132, 19.8729 by changing the saturation by 10% instead.

■ 25.3116, 34.9132,
19.8729

■ 25.3116, 34.9132,
19.8729

271.7053,
324.1850, 263.8077

■ 16.4393, 23.5960,
12.1195

■ 51.6015, 67.3513,
44.0602

■ 9.9284, 15.0342,
6.7016

■ 69.7499, 89.2410,
61.3311

■ 5.4134, 8.8434,
3.2006

■ 91.7210, 115.4236,
82.6117

■ 2.5290, 4.6392,
1.1980

■ 117.8803,
146.2836, 108.3204

■ 0.9099, 2.0372,
0.0000

148.5929,
182.2054, 138.8758

■ 0.0000, 0.6289,
0.0000

184.2244,

■ 0.0000, 0.0000,

223.5733, 174.6965

0.0000

225.1401,
270.7717, 216.2009

■ 25.3116, 34.9132,
19.8729

■ 25.3116, 34.9132,
19.8729

■ 22.6188, 33.6233,
15.3548

■ 28.4973, 36.4381,
25.3724

■ 20.3914, 32.5523,
11.7582

■ 32.1962, 38.2042,
31.9039

■ 18.6032, 31.6892,
9.0202


■ 36.4308, 40.2231,
39.5172


■ 17.2244, 31.0202,
7.0694


■ 41.2213, 42.5042,
48.2582


■ 16.2212, 30.5295,
5.8224


■ 46.5871, 45.0566,
58.1703

 15.5504, 30.1977,
5.1585

 52.5465, 47.8887,
69.2945

 15.3970, 30.1219,
5.0026

 59.1169, 51.0087,
81.6698

 66.3152, 54.4246,
95.3335

 72.5549, 57.5028,
101.8828

Harmonies

Analogous

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



29.7401, 34.9132, 14.4104



25.3116, 34.9132, 19.8729



23.1081, 34.9132, 31.5251

Triad

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



25.3116, 34.9132, 19.8729



30.8331, 34.9132, 80.4887



45.4459, 34.9132, 28.6788

Complementary

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



25.3116, 34.9132, 19.8729



28.1174, 21.7421, 42.2517

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.



45.8308, 34.9132, 45.3385



25.3116, 34.9132, 19.8729



36.8838, 34.9132, 79.0278

Square

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



25.3116, 34.9132, 19.8729



26.0282, 34.9132, 68.3154



42.5396, 34.9132, 64.7785



41.5440, 34.9132, 18.3340

Rectangle

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



25.3116, 34.9132, 19.8729



22.9971, 34.9132, 42.8011



42.5396, 34.9132, 64.7785



46.0066, 34.9132, 33.5988

Sweetspot

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



25.3125, 34.9147, 19.8737



61.9401, 70.4604, 64.8053



32.9746, 35.9483, 19.6693



13.2463, 15.2103, 13.6977



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.3125, 34.9147, 19.8737



41.5071, 60.6947, 29.1528



25.3031, 34.7606, 26.6134



8.0167, 8.9972, 8.5275



11.3433, 22.1447, 3.6765



0.3503, 0.6339, 0.1039

Inverse Universe

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



28.1174, 21.7421, 42.2517



47.2145, 33.7912, 74.8397



28.3437, 22.0786, 32.3319



8.2124, 8.0838, 10.0802



14.2858, 6.7245, 29.5895



0.4299, 0.2038, 0.8247

Previews

White Background



This preview shows how the XYZ color 25.3116, 34.9132, 19.8729 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 25.3116, 34.9132, 19.8729 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 25.3116, 34.9132, 19.8729

Background



This preview shows how black text looks on a background with the XYZ color 25.3116, 34.9132, 19.8729.



This preview shows how white text looks on a background with the XYZ color 25.3116, 34.9132,

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

25.3116, 34.9132, 19.8729

Protanopia

32.0799, 34.6598, 17.8312

Deuteranopia

35.2518, 34.4902, 20.7189



Tritanopia

30.8511, 34.9499, 47.2395

Trichromacy



Original Color

25.3116, 34.9132, 19.8729

Protanomaly

28.9621, 34.3431, 18.4670

Deuteranomaly

30.8053, 34.2040, 20.3076

Tritanomaly

28.5048, 34.8172, 35.3550

Monochromacy



Original Color

25.3116, 34.9132, 19.8729

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.2475, 31.6920, 27.6027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3116, 34.9132, 19.8729 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(119, 173, 109)` looks like.

```
.text, #text, p{  
    color:rgb(119, 173, 109)  
}
```

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(119, 173, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 173, 109) }
```

Border

The CSS property to change the border of an element to XYZ 25.3116, 34.9132, 19.8729 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(119, 173, 109) }
```


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

```
.border{ border-color:rgb(119, 173, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 173, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 173, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 173, 109);  
box-shadow:4px 4px 4px 4px rgb(119, 173,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3116, 34.9132, 19.8729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 173, 109) }
```

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

```
.background{ background-color: rgb(119,  
173, 109) }
```

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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