

Converting Colors

XYZ(33.2354, 35.8463, 21.6335)

Have a look what the booklet for
XYZ(33.2354, 35.8463, 21.6335)
contains.

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Color

**XYZ(33.3063, 35.9859,
21.7135)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA274
RGB	173, 162, 116
RGB Percent	68%, 64%, 45%
CMY	0.3216, 0.3647, 0.5451
CMYK	0.00, 0.06, 0.33, 0.32
HSL	48°, 26%, 57%
HSV	48°, 33%, 68%
XYZ	33.3063, 35.9859, 21.7135
YIQ	160.0450, 21.3220, -11.9740

Conversions

Conversions Part 2

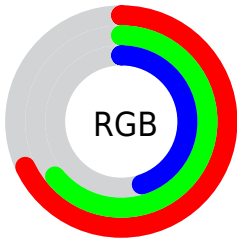
Format	Color
RYB	130, 173, 116
Decimal	11379316
CIELab	66.51, -3.14, 25.41
CIElCh	67, 25.602, 97.039
Yxy	35.9859, 0.3660, 0.3954
Android (android.graphics.Color)	4289569396 (0xFFADA274)
YUV	160.0450, -21.7142, 11.3615
Hunter-Lab	59.9882, -5.8738, 20.5310

Details

The XYZ color **33.3063, 35.9859, 21.7135** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.3344, 21.9081, 42.5867**, and the grayscale version is **33.5252, 35.2711, 38.4103**.

A 20% lighter version of the original color is **64.1938, 69.1109, 47.0021**, and **14.4433, 15.7672, 7.5923** is the 20% darker color. If you saturate the color by 10%, you get **31.8125, 34.4614, 16.7047**, and if you desaturate by 10%, it is **35.0050, 37.6198, 27.7160**.

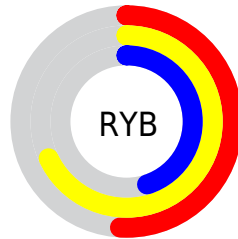
Distribution



Red (68%)

Green (64%)

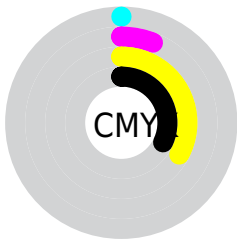
Blue (45%)



Red (51%)

Yellow (68%)

Blue (45%)

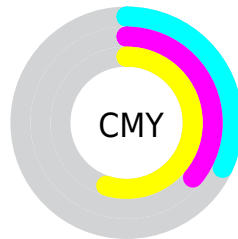


Cyan (0%)

Magenta (6%)

Yellow (33%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3063, 35.9859, 21.7135 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 33.3063, 35.9859, 21.7135 by changing the saturation by 10% instead.

■ 33.3063, 35.9859,
21.7135

■ 33.3063, 35.9859,
21.7135

308.6683,
328.8989, 273.9510

■ 22.5216, 24.4233,
13.4502

■ 64.2049, 69.0103,
47.1681

■ 14.3594, 15.6479,
7.6049

■ 85.0495, 91.2409,
65.1966

■ 8.4544, 9.2754,
3.7591

■ 109.9781,
117.7963, 87.3171

■ 4.4413, 4.9212,
1.4941

139.3560,
149.0609, 113.9484

■ 1.9547, 2.2011,
0.2136

173.5487,
185.4190, 145.5088

■ 0.6083, 0.7206,
0.0000

212.9213,

■ 0.0000, 0.0000,

227.2551, 182.4171

0.0000

257.8394,
274.9536, 225.0916

■ 33.3063, 35.9859,
21.7135

■ 33.3063, 35.9859,
21.7135

■ 31.8125, 34.4614,
16.7047

■ 35.0050, 37.6198,
27.7160

■ 30.5103, 33.0371,
12.6325

■ 36.9155, 39.3624,
34.7608

■ 29.3890, 31.7097,
9.4373

■ 39.0479, 41.2190,
42.8957

■ 28.4357, 30.4740,
7.0517

■ 41.4107, 43.1934,
52.1651

■ 27.6357, 29.3237,
5.3987

■ 44.0120, 45.2888,
62.6108

■ 26.9714, 28.2517,
4.3859

■ 46.8593, 47.5085,
74.2727

■ 26.5573, 27.5317,
3.9144

■ 49.9600, 49.8557,
87.1884

■ 53.3211, 52.3332,
101.3944

■ 54.1420, 53.8211,
102.1427

Harmonies

Analogous

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



37.1669, 35.9859, 22.7530



33.3063, 35.9859, 21.7135



29.9442, 35.9859, 24.6055

Triad

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



33.3063, 35.9859, 21.7135



28.6395, 35.9859, 53.3569



41.4659, 35.9859, 48.0285

Complementary

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



33.3063, 35.9859, 21.7135



22.3344, 21.9081, 42.5867

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.



38.8488, 35.9859, 58.6115



33.3063, 35.9859, 21.7135



31.4020, 35.9859, 62.0680

Square

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



33.3063, 35.9859, 21.7135



27.3836, 35.9859, 41.8325



35.1167, 35.9859, 64.1520



42.0710, 35.9859, 36.6469

Rectangle

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



33.3063, 35.9859, 21.7135



28.3725, 35.9859, 28.7627



35.1167, 35.9859, 64.1520



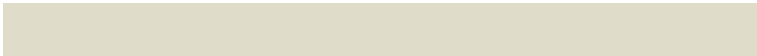
40.7833, 35.9859, 51.8564

Sweetspot

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



33.3072, 35.9875, 21.7142



67.1324, 71.3974, 66.0951



27.3361, 22.9181, 23.1989



14.4803, 15.4200, 13.9515



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.



33.3072, 35.9875, 21.7142



57.5458, 62.3172, 31.7844



31.7871, 38.2061, 22.2226



8.5294, 9.0636, 8.5133



19.5501, 20.3057, 2.8890



0.5771, 0.6313, 0.0914

Inverse Universe

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



22.3344, 21.9081, 42.5867



34.6637, 32.9666, 75.3420



23.4772, 20.5030, 42.2553



7.6993, 7.9980, 10.0907



5.9813, 3.0964, 29.3269



0.2022, 0.1578, 0.8278

Previews

White Background



This preview shows how the XYZ color 33.3063, 35.9859, 21.7135 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 33.3063, 35.9859, 21.7135 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 33.3063, 35.9859, 21.7135

Background



This preview shows how black text looks on a background with the XYZ color 33.3063, 35.9859, 21.7135.



This preview shows how white text looks on a background with the XYZ color 33.3063, 35.9859,

21.7135.

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

33.3063, 35.9859, 21.7135

Protanopia

33.5283, 36.1003, 21.7239

Deuteranopia

36.6705, 35.9335, 21.8327



Tritanopia

37.2868, 35.8164, 41.5072

Trichromacy



Original Color

33.3063, 35.9859, 21.7135

Protanomaly

33.5283, 36.1003, 21.7239

Deuteranomaly

35.4453, 36.0524, 21.9203

Tritanomaly

35.7036, 35.9389, 33.0721

Monochromacy



Original Color

33.3063, 35.9859, 21.7135

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.2960, 35.5027, 31.4834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3063, 35.9859, 21.7135 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(173, 162, 116)` looks like.

```
.text, #text, p{  
    color:rgb(173, 162, 116)  
}
```

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(173, 162, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 162, 116) }
```

Border

The CSS property to change the border of an element to XYZ 33.3063, 35.9859, 21.7135 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(173, 162, 116) }
```


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

```
.border{ border-color:rgb(173, 162, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 162, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 162, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 162, 116);  
box-shadow:4px 4px 4px 4px rgb(173, 162,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3063, 35.9859, 21.7135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 162, 116) }
```

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

```
.background{ background-color: rgb(173,  
162, 116) }
```

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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