

Converting Colors

XYZ(35.4794, 36.5819, 33.3564)

Have a look what the booklet for
XYZ(35.4794, 36.5819, 33.3564)
contains.

XYZ(35.5457, 36.6265, 33.2131)	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(35.5457, 36.6265,
33.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA194
RGB	174, 161, 148
RGB Percent	68%, 63%, 58%
CMY	0.3176, 0.3686, 0.4196
CMYK	0.00, 0.07, 0.15, 0.32
HSL	30°, 14%, 63%
HSV	30°, 15%, 68%
XYZ	35.5457, 36.6265, 33.2131
YIQ	163.4050, 11.9210, -1.2870

Conversions

Conversions Part 2

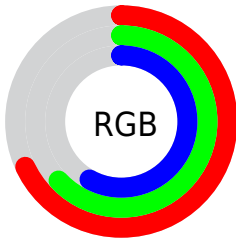
Format	Color
RYB	174, 174, 148
Decimal	11444628
CIELab	67.00, 2.49, 8.46
CIELCh	67, 8.825, 73.581
Yxy	36.6265, 0.3373, 0.3475
Android (android.graphics.Color)	4289634708 (0xFFAEA194)
YUV	163.4050, -7.5947, 9.2918
Hunter-Lab	60.5198, -1.0696, 9.8257

Details

The XYZ color **35.5457, 36.6265, 33.2131** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5974, 34.8409, 45.0516**, and the grayscale version is **35.0359, 36.8605, 40.1411**.

A 20% lighter version of the original color is **67.8497, 70.1990, 65.8508**, and **15.6188, 16.0799, 13.5898** is the 20% darker color. If you saturate the color by 10%, you get **32.8035, 33.1827, 26.0072**, and if you desaturate by 10%, it is **38.6027, 40.3678, 41.5463**.

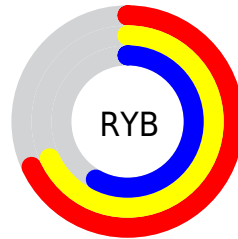
Distribution



Red (68%)

Green (63%)

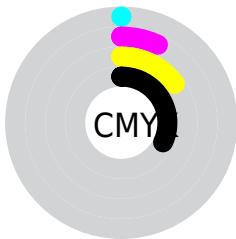
Blue (58%)



Red (68%)

Yellow (68%)

Blue (58%)

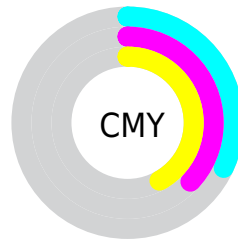


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (32%)



Cyan (32%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5457, 36.6265, 33.2131 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 35.5457, 36.6265, 33.2131 by changing the saturation by 10% instead.


 35.5457, 36.6265,
33.2131


 35.5457, 36.6265,
33.2131


318.4365,
331.6906, 331.2703

 24.2520, 24.9184,
22.0173


 67.6588, 69.9980,
65.8279

 15.6464, 16.0163,
13.6712


 89.2088, 92.4302,
88.0840

 9.3636, 9.5357,
7.7562


114.9084,
119.2059, 114.8640

 5.0381, 5.0922,
3.8538

145.1229,
150.7094, 146.5863

 2.3046, 2.3015,
1.5455

180.2176,
187.3253, 183.6696

 0.7970, 0.7745,
0.2515

220.5578,

 0.0000, 0.0000,

229.4379, 226.5323

0.0000

266.5090,
277.4315, 275.5930

■ 35.5457, 36.6265,
33.2131

■ 35.5457, 36.6265,
33.2131

■ 32.8035, 33.1827,
26.0072

■ 38.6027, 40.3678,
41.5463

■ 30.3618, 30.0237,
19.8771

■ 41.9823, 44.4095,
51.0506

■ 28.2094, 27.1427,
14.7706

■ 45.6956, 48.7603,
61.7703

■ 26.3334, 24.5309,
10.6303

■ 49.7523, 53.4274,
73.7468

■ 24.7195, 22.1787,
7.3931

■ 54.1615, 58.4175,
87.0194

■ 23.3521, 20.0760,
4.9880

■ 58.9324, 63.7370,
101.6258

■ 22.2131, 18.2116,
3.3335

■ 61.5974, 68.4021,
104.5641

■ 21.2812, 16.5726,
2.3299

■ 63.9660, 73.1393,
105.3537

■ 20.8658, 15.8189,
1.9536

■ 66.4554, 78.1182,
106.1835

Harmonies

Analogous

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



36.7122, 36.6265, 35.0068



35.5457, 36.6265, 33.2131



34.2109, 36.6265, 33.1294

Triad

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



35.5457, 36.6265, 33.2131



32.3677, 36.6265, 41.6378



36.6188, 36.6265, 45.4672

Complementary

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



35.5457, 36.6265, 33.2131



32.5974, 34.8409, 45.0516

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.



35.4208, 36.6265, 47.4905



35.5457, 36.6265, 33.2131



32.9793, 36.6265, 45.1857

Square

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



35.5457, 36.6265, 33.2131



32.3992, 36.6265, 37.8306



34.0892, 36.6265, 47.3843



37.3425, 36.6265, 42.0022

Rectangle

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



35.5457, 36.6265, 33.2131



33.4068, 36.6265, 34.0436



34.0892, 36.6265, 47.3843



36.2569, 36.6265, 46.3481

Sweetspot

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



35.5467, 36.6281, 33.2139



70.5318, 73.8398, 76.7770



34.4789, 32.7522, 38.2232



15.5795, 16.2946, 16.7956



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.5467, 36.6281, 33.2139



62.7353, 64.2703, 55.6085



37.9372, 41.4092, 34.0107



8.3237, 8.6523, 8.4447



15.1934, 11.5922, 1.4367



0.4774, 0.4320, 0.0582

Inverse Universe

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



32.5974, 34.8409, 45.0516



56.3285, 60.3878, 81.3241



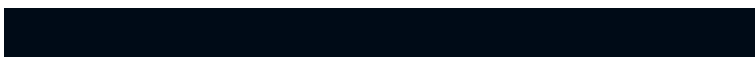
30.4431, 30.5322, 44.3335



7.8972, 8.3938, 10.1566



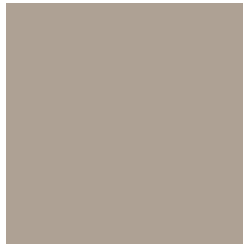
8.0714, 7.2766, 30.0236



0.2793, 0.3120, 0.8535

Previews

White Background



This preview shows how the XYZ color 35.5457, 36.6265, 33.2131 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 35.5457, 36.6265, 33.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

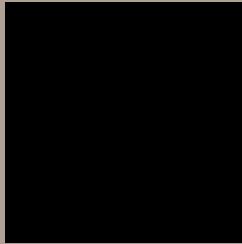
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

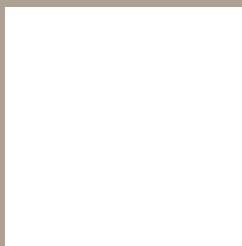
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5457, 36.6265, 33.2131

Background



This preview shows how black text looks on a background with the XYZ color 35.5457, 36.6265, 33.2131.



This preview shows how white text looks on a background with the XYZ color 35.5457, 36.6265,

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

35.5457, 36.6265, 33.2131

Protanopia

34.8842, 36.7993, 33.6982

Deuteranopia

37.2490, 36.4742, 33.5108



Tritanopia

37.6140, 36.7031, 43.1321

Trichromacy



Original Color

35.5457, 36.6265, 33.2131

Protanomaly

35.1397, 36.6685, 33.6594

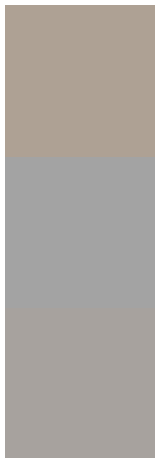
Deuteranomaly

36.4741, 36.3269, 33.5232

Tritanomaly

36.8242, 36.6350, 39.3128

Monochromacy



Original Color

35.5457, 36.6265, 33.2131

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.0282, 36.5248, 37.5516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5457, 36.6265, 33.2131 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(174, 161, 148)` looks like.

```
.text, #text, p{  
    color:rgb(174, 161, 148)  
}
```

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(174, 161, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 161, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.5457, 36.6265, 33.2131 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(174, 161, 148) }
```


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

```
.border{ border-color:rgb(174, 161, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 161, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 161, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 161, 148);  
box-shadow:4px 4px 4px 4px rgb(174, 161,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5457, 36.6265, 33.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 161, 148) }
```

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

```
.background{ background-color: rgb(174,  
161, 148) }
```

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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