

Converting Colors

XYZ(35.4739, 36.6844, 32.1353)

Have a look what the booklet for
XYZ(35.4739, 36.6844, 32.1353)
contains.

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Color

**XYZ(35.3113, 36.5327,
31.9785)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA191
RGB	174, 161, 145
RGB Percent	68%, 63%, 57%
CMY	0.3176, 0.3686, 0.4314
CMYK	0.00, 0.07, 0.17, 0.32
HSL	33°, 15%, 63%
HSV	33°, 17%, 68%
XYZ	35.3113, 36.5327, 31.9785
YIQ	163.0630, 12.8840, -2.2200

Conversions

Conversions Part 2

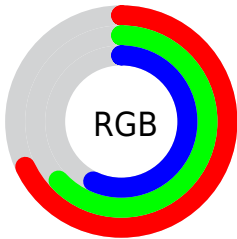
Format	Color
RYB	169, 174, 145
Decimal	11444625
CIELab	66.92, 2.01, 10.03
CIELCh	67, 10.231, 78.689
Yxy	36.5327, 0.3401, 0.3519
Android (android.graphics.Color)	4289634705 (0xFFAEA191)
YUV	163.0630, -8.9051, 9.5917
Hunter-Lab	60.4423, -1.4916, 10.9407

Details

The XYZ color **35.3113, 36.5327, 31.9785** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5439, 33.5290, 44.8541**, and the grayscale version is **34.8798, 36.6962, 39.9622**.

A 20% lighter version of the original color is **67.4978, 70.0582, 63.9979**, and **15.5266, 16.0430, 13.1047** is the 20% darker color. If you saturate the color by 10%, you get **32.7508, 33.3967, 25.0048**, and if you desaturate by 10%, it is **38.1643, 39.9242, 40.0645**.

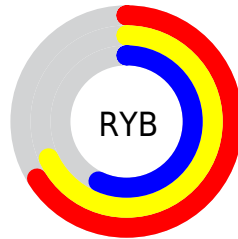
Distribution



Red (68%)

Green (63%)

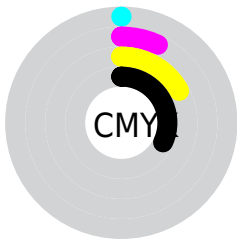
Blue (57%)



Red (66%)

Yellow (68%)

Blue (57%)

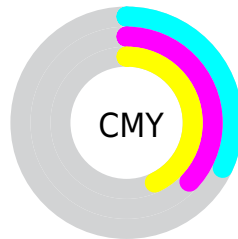


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (32%)



Cyan (32%)

Magenta (37%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3113, 36.5327, 31.9785 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 35.3113, 36.5327, 31.9785 by changing the saturation by 10% instead.

■ 35.3113, 36.5327,
31.9785

■ 35.3113, 36.5327,
31.9785

317.4243,
331.2829, 325.5110

■ 24.0704, 24.8459,
21.0804

■ 67.2986, 69.8535,
63.8749

■ 15.5109, 15.9623,
12.9910

■ 88.7757, 92.2563,
85.7103

■ 9.2674, 9.4975,
7.2917

114.3956,
118.9998, 112.0285

■ 4.9745, 5.0671,
3.5640

144.5236,
150.4685, 143.2481

■ 2.2669, 2.2867,
1.3893

179.5252,
187.0468, 179.7876

■ 0.7776, 0.7666,
0.1334

219.7655,

■ 0.0000, 0.0000,

229.1190, 222.0655

0.0000

265.6101,
277.0696, 270.5005

■ 35.3113, 36.5327,
31.9785

■ 35.3113, 36.5327,
31.9785

■ 32.7508, 33.3967,
25.0048

■ 38.1643, 39.9242,
40.0645

■ 30.4690, 30.5046,
19.0914

■ 41.3171, 43.5727,
49.3068

■ 28.4553, 27.8507,
14.1857

■ 44.7804, 47.4861,
59.7501

■ 26.6971, 25.4274,
10.2297

■ 48.5633, 51.6705,
71.4358

■ 25.1806, 23.2265,
7.1591

■ 52.6747, 56.1314,
84.4035

■ 23.8906, 21.2392,
4.9019

■ 57.1230, 60.8745,
98.6908

■ 22.8095, 19.4556,
3.3743

■ 59.9571, 65.1215,
104.0174

■ 21.9133, 17.8630,
2.4595

■ 61.9977, 69.2027,
104.6976

■ 21.6403, 17.3679,
2.2118

■ 64.1344, 73.4760,
105.4098

Harmonies

Analogous

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



36.7289, 36.5327, 33.7025



35.3113, 36.5327, 31.9785



33.7766, 36.5327, 32.2250

Triad

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



35.3113, 36.5327, 31.9785



31.9748, 36.5327, 42.5773



37.0113, 36.5327, 45.6853

Complementary

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



35.3113, 36.5327, 31.9785



31.5439, 33.5290, 44.8541

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.



35.6874, 36.5327, 48.4273



35.3113, 36.5327, 31.9785



32.7919, 36.5327, 46.5428

Square

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



35.3113, 36.5327, 31.9785



31.8809, 36.5327, 38.1265



34.1417, 36.5327, 48.7523



37.7297, 36.5327, 41.4763

Rectangle

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



35.3113, 36.5327, 31.9785



32.8926, 36.5327, 33.4781



34.1417, 36.5327, 48.7523



36.6206, 36.5327, 46.8222

Sweetspot

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



35.3123, 36.5343, 31.9793



70.0914, 73.4306, 75.1760



33.7573, 31.7204, 36.7143



15.4942, 16.2222, 16.4643



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.



35.3123, 36.5343, 31.9793



62.2787, 64.1177, 53.1114



37.3816, 41.1500, 32.7611



8.3578, 8.7205, 8.4561



15.7556, 12.7168, 1.6242



0.4919, 0.4609, 0.0630

Inverse Universe

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



31.5439, 33.5290, 44.8541



54.1435, 57.6302, 80.9069



29.7001, 29.4597, 44.1658



7.8633, 8.3261, 10.1453



7.5740, 6.2819, 29.8578



0.2658, 0.2849, 0.8490

Previews

White Background



This preview shows how the XYZ color 35.3113, 36.5327, 31.9785 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 35.3113, 36.5327, 31.9785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

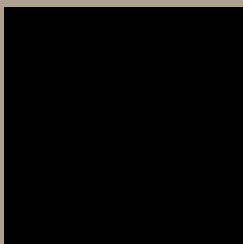
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

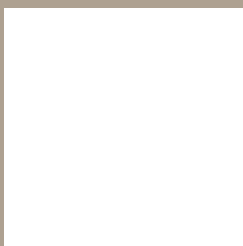
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3113, 36.5327, 31.9785

Background



This preview shows how black text looks on a background with the XYZ color 35.3113, 36.5327, 31.9785.



This preview shows how white text looks on a background with the XYZ color 35.3113, 36.5327,

31.9785.

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

35.3113, 36.5327, 31.9785

Protanopia

34.6862, 36.4620, 32.4038

Deuteranopia

37.2529, 36.5036, 32.2766



Tritanopia

37.4441, 36.3633, 43.0755

Trichromacy



Original Color

35.3113, 36.5327, 31.9785

Protanomaly

34.9032, 36.5739, 32.4140

Deuteranomaly

36.4712, 36.3528, 32.2887

Tritanomaly

36.5644, 36.2570, 38.7894

Monochromacy



Original Color

35.3113, 36.5327, 31.9785

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8574, 36.4565, 36.6521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3113, 36.5327, 31.9785 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(174, 161, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 161, 145) }
```

Border

The CSS property to change the border of an element to XYZ 35.3113, 36.5327, 31.9785 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, 145) }
```


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

```
.border{ border-color:rgb(174, 161, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 161, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 161, 145);  
box-shadow:4px 4px 4px 4px rgb(174, 161,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3113, 36.5327, 31.9785 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, 145) }
```

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

```
.background{ background-color: rgb(174,  
161, 145) }
```

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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