

Converting Colors

XYZ(35.1019, 35.7922, 32.0757)

Have a look what the booklet for
XYZ(35.1019, 35.7922, 32.0757)
contains.

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Color

**XYZ(35.2656, 35.9856,
32.2813)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9F92
RGB	175, 159, 146
RGB Percent	69%, 62%, 57%
CMY	0.3137, 0.3765, 0.4274
CMYK	0.00, 0.09, 0.17, 0.31
HSL	27°, 15%, 63%
HSV	27°, 17%, 69%
XYZ	35.2656, 35.9856, 32.2813
YIQ	162.3020, 13.7090, -0.6510

Conversions

Conversions Part 2

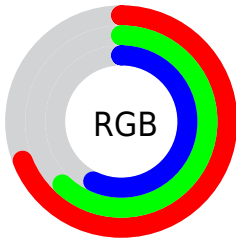
Format	Color
R _Y B	175, 170, 146
Decimal	11509650
CIE Lab	66.51, 3.64, 8.90
CIE LCh	67, 9.614, 67.722
Yxy	35.9856, 0.3406, 0.3476
Android (android.graphics.Color)	4289699730 (0xFFAF9F92)
YUV	162.3020, -8.0369, 11.1361
Hunter-Lab	59.9880, -0.0428, 10.0859

Details

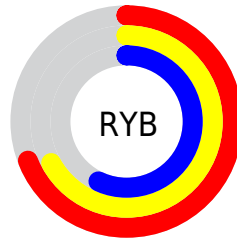
The XYZ color **35.2656, 35.9856, 32.2813** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5119, 35.0458, 45.6085**, and the grayscale version is **34.5171, 36.3147, 39.5467**.

A 20% lighter version of the original color is **67.4269, 69.2522, 64.4568**, and **15.4999, 15.7072, 13.2812** is the 20% darker color. If you saturate the color by 10%, you get **32.4118, 32.2921, 25.1201**, and if you desaturate by 10%, it is **38.4594, 40.0250, 40.5848**.

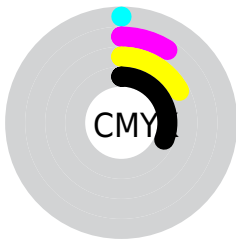
Distribution



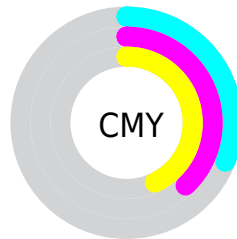
- Red (69%)
- Green (62%)
- Blue (57%)



- Red (69%)
- Yellow (67%)
- Blue (57%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (31%)





- Cyan (31%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2656, 35.9856, 32.2813 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 35.2656, 35.9856, 32.2813 by changing the saturation by 10% instead.


 35.2656, 35.9856,
32.2813

 35.2656, 35.9856,
32.2813


317.2266,
328.8976, 326.9308

 24.0350, 24.4231,
21.3099


 67.2283, 69.0098,
64.3548

 15.4845, 15.6478,
13.1572


 88.6912, 91.2403,
86.2940

 9.2486, 9.2752,
7.4049


114.2955,
117.7956, 112.7262

 4.9621, 4.9211,
3.6343

144.4067,
149.0601, 144.0699

 2.2596, 2.2011,
1.4270

179.3900,
185.4181, 180.7437

 0.7739, 0.7206,
0.1626

219.6109,

 0.0000, 0.0000,

227.2541, 223.1660

0.0000

265.4346,
274.9525, 271.7556

■ 35.2656, 35.9856,
32.2813

■ 35.2656, 35.9856,
32.2813

■ 32.4118, 32.2921,
25.1201

■ 38.4594, 40.0250,
40.5848

■ 29.8827, 28.9300,
19.0483

■ 42.0021, 44.4146,
50.0758

■ 27.6661, 25.8907,
14.0119

■ 45.9056, 49.1651,
60.8000

■ 25.7477, 23.1635,
9.9516

■ 50.1805, 54.2847,
72.7998

■ 24.1119, 20.7369,
6.8019

■ 54.8370, 59.7819,
86.1156

■ 22.7417, 18.5985,
4.4892

■ 59.8847, 65.6644,
100.7861

■ 21.6173, 16.7346,
2.9279

■ 63.0821, 71.0397,
104.9950

■ 20.7130, 15.1289,
2.0008

■ 65.7902, 76.4559,
105.8977

■ 20.4373, 14.6301,
1.7467

■ 68.6486, 82.1727,
106.8505

Harmonies

Analogous

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



36.4445, 35.9856, 34.5200



35.2656, 35.9856, 32.2813



33.8319, 35.9856, 31.8256

Triad

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



35.2656, 35.9856, 32.2813



31.5275, 35.9856, 40.2593



35.9286, 35.9856, 45.8077

Complementary

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



35.2656, 35.9856, 32.2813



32.5119, 35.0458, 45.6085

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.



34.5773, 35.9856, 47.5931



35.2656, 35.9856, 32.2813



32.0558, 35.9856, 44.2463

Square

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



35.2656, 35.9856, 32.2813



31.7001, 35.9856, 36.2471



33.1624, 35.9856, 47.0025



36.8347, 35.9856, 42.2716

Rectangle

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



35.2656, 35.9856, 32.2813



32.9291, 35.9856, 32.5624



33.1624, 35.9856, 47.0025



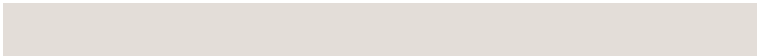
35.5099, 35.9856, 46.6434

Sweetspot

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



35.2666, 35.9872, 32.2821



69.7810, 72.8099, 75.0725



34.5185, 32.2962, 38.7995



15.4162, 16.0662, 16.4383



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.



35.2666, 35.9872, 32.2821



61.1611, 61.8824, 52.7389



37.8241, 41.1022, 33.1346



8.2898, 8.5845, 8.4334



14.6955, 10.5964, 1.2708



0.4639, 0.4050, 0.0537

Inverse Universe

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



32.5119, 35.0458, 45.6085



55.2611, 59.8653, 81.2795



30.1718, 30.3655, 44.8285



7.9313, 8.4620, 10.1680



8.6336, 8.4010, 30.2110



0.2938, 0.3409, 0.8583

Previews

White Background



This preview shows how the XYZ color 35.2656, 35.9856, 32.2813 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 35.2656, 35.9856, 32.2813 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

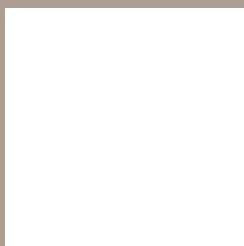
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2656, 35.9856, 32.2813

Background



This preview shows how black text looks on a background with the XYZ color 35.2656, 35.9856, 32.2813.



This preview shows how white text looks on a background with the XYZ color 35.2656, 35.9856,

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

35.2656, 35.9856, 32.2813

Protanopia

34.1598, 35.9212, 32.7368

Deuteranopia

36.6834, 35.9508, 32.6095



Tritanopia

37.3164, 36.0691, 42.0410

Trichromacy



Original Color

35.2656, 35.9856, 32.2813

Protanomaly

34.6319, 35.9061, 32.7090

Deuteranomaly

36.1458, 35.9238, 32.6327

Tritanomaly

36.5336, 35.9991, 38.2807

Monochromacy



Original Color

35.2656, 35.9856, 32.2813

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.6820, 36.1055, 36.5936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2656, 35.9856, 32.2813 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(175, 159, 146)` looks like.

```
.text, #text, p{  
    color:rgb(175, 159, 146)  
}
```

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(175, 159, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 159, 146) }
```

Border

The CSS property to change the border of an element to XYZ 35.2656, 35.9856, 32.2813 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(175, 159, 146) }
```


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

```
.border{ border-color:rgb(175, 159, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 159, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 159, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 159, 146);  
box-shadow:4px 4px 4px 4px rgb(175, 159,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2656, 35.9856, 32.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 159, 146) }
```

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

```
.background{ background-color: rgb(175,  
159, 146) }
```

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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