

Converting Colors

XYZ(35.3856, 36.2940, 31.6650)

Have a look what the booklet for
XYZ(35.3856, 36.2940, 31.6650)
contains.

XYZ(35.2840, 36.2692, 31.5265)	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(35.2840, 36.2692,
31.5265)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA090
RGB	175, 160, 144
RGB Percent	69%, 63%, 56%
CMY	0.3137, 0.3725, 0.4353
CMYK	0.00, 0.09, 0.18, 0.31
HSL	31°, 16%, 63%
HSV	31°, 18%, 69%
XYZ	35.2840, 36.2692, 31.5265
YIQ	162.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

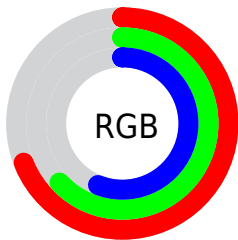
Format	Color
RYB	173, 175, 144
Decimal	11509904
CIELab	66.73, 2.78, 10.32
CIELCh	67, 10.683, 74.943
Yxy	36.2692, 0.3423, 0.3519
Android (android.graphics.Color)	4289699984 (0xFFAFA090)
YUV	162.6610, -9.1999, 10.8213
Hunter-Lab	60.2239, -0.8122, 11.1191

Details

The XYZ color **35.2840, 36.2692, 31.5265** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6373, 33.8198, 45.4180**, and the grayscale version is **34.6911, 36.4977, 39.7460**.

A 20% lighter version of the original color is **67.4485, 69.6670, 63.3182**, and **15.5151, 15.8830, 12.8377** is the 20% darker color. If you saturate the color by 10%, you get **32.6311, 32.9404, 24.5469**, and if you desaturate by 10%, it is **38.2462, 39.8841, 39.6330**.

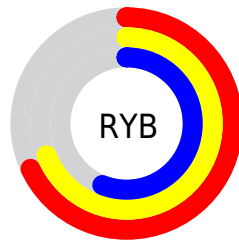
Distribution



Red (69%)

Green (63%)

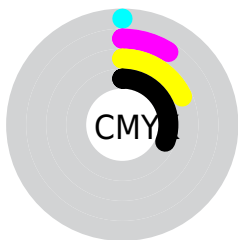
Blue (56%)



Red (68%)

Yellow (69%)

Blue (56%)

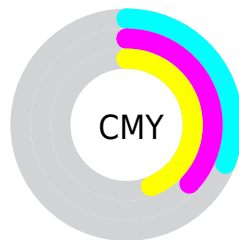


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (31%)



Cyan (31%)

Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2840, 36.2692, 31.5265 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 35.2840, 36.2692, 31.5265 by changing the saturation by 10% instead.

■ 35.2840, 36.2692,
31.5265

■ 35.2840, 36.2692,
31.5265

317.3062,
330.1356, 323.3826

■ 24.0493, 24.6422,
20.7383

■ 67.2566, 69.4474,
63.1573

■ 15.4951, 15.8107,
12.7434

■ 88.7252, 91.7673,
84.8370

■ 9.2562, 9.3903,
7.1235

114.3358,
118.4203, 110.9842

■ 4.9671, 4.9966,
3.4598

144.4538,
149.7908, 142.0175

■ 2.2625, 2.2453,
1.3340

179.4444,
186.2632, 178.3555

■ 0.7754, 0.7445,
0.0894

219.6732,

■ 0.0000, 0.0000,

228.2219, 220.4166

0.0000

265.5053,
276.0512, 268.6195

■ 35.2840, 36.2692,
31.5265

■ 35.2840, 36.2692,
31.5265

■ 32.6311, 32.9404,
24.5469

■ 38.2462, 39.8841,
39.6330

■ 30.2731, 29.8851,
18.6411

■ 41.5255, 43.7876,
48.9117

■ 28.1986, 27.0967,
13.7552

■ 45.1333, 47.9885,
59.4081

■ 26.3944, 24.5665,
9.8294

■ 49.0792, 52.4935,
71.1647

■ 24.8458, 22.2852,
6.7979

■ 53.3726, 57.3092,
84.2218

■ 23.5366, 20.2428,
4.5863

■ 58.0225, 62.4419,
98.6180

■ 22.4483, 18.4280,
3.1079

■ 61.1296, 67.1348,
104.3442

■ 21.5526, 16.8256,
2.2266

■ 63.3983, 71.6720,
105.1004

■ 21.3645, 16.4845,
2.0558

■ 65.7809, 76.4372,
105.8946

Harmonies

Analogous

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



36.7128, 36.2692, 33.5482



35.2840, 36.2692, 31.5265



33.6799, 36.2692, 31.5226

Triad

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



35.2840, 36.2692, 31.5265



31.5648, 36.2692, 41.8238



36.7083, 36.2692, 46.1110

Complementary

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



35.2840, 36.2692, 31.5265



31.6373, 33.8198, 45.4180

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.



35.2780, 36.2692, 48.7004



35.2840, 36.2692, 31.5265



32.3258, 36.2692, 46.0972

Square

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



35.2840, 36.2692, 31.5265



31.5663, 36.2692, 37.2303



33.6741, 36.2692, 48.6952



37.5524, 36.2692, 41.8414

Rectangle

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



35.2840, 36.2692, 31.5265



32.7283, 36.2692, 32.6543



33.6741, 36.2692, 48.6952



36.2782, 36.2692, 47.2210

Sweetspot

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



35.2850, 36.2708, 31.5273



69.9844, 73.2166, 75.1403



33.9543, 31.5815, 37.3354



15.4673, 16.1684, 16.4553



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.



35.2850, 36.2708, 31.5273



61.3968, 62.7249, 51.6732



38.0434, 41.7877, 32.4467



8.3343, 8.6735, 8.4483



15.3617, 11.9288, 1.4928



0.4818, 0.4408, 0.0597

Inverse Universe

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



31.6373, 33.8198, 45.4180



53.7176, 57.5651, 80.9168



29.2131, 28.9714, 44.6099



7.8866, 8.3726, 10.1531



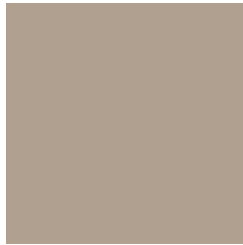
7.9094, 6.9527, 29.9697



0.2750, 0.3034, 0.8520

Previews

White Background



This preview shows how the XYZ color 35.2840, 36.2692, 31.5265 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 35.2840, 36.2692, 31.5265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

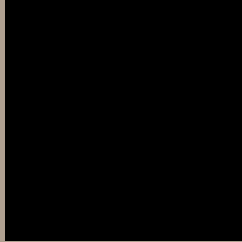
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2840, 36.2692, 31.5265

Background



This preview shows how black text looks on a background with the XYZ color 35.2840, 36.2692, 31.5265.



This preview shows how white text looks on a background with the XYZ color 35.2840, 36.2692,

31.5265.

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

35.2840, 36.2692, 31.5265

Protanopia

34.3934, 36.3200, 31.9858

Deuteranopia

36.7665, 36.0116, 31.8012



Tritanopia

37.4100, 36.1065, 42.5336

Trichromacy



Original Color

35.2840, 36.2692, 31.5265

Protanomaly

34.6503, 36.1920, 31.9476

Deuteranomaly

36.2239, 35.9820, 31.8241

Tritanomaly

36.5336, 35.9991, 38.2807

Monochromacy



Original Color

35.2840, 36.2692, 31.5265

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 35.2840, 36.2692, 31.5265 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, 160, 144)` looks like.

```
.text, #text, p{  
    color:rgb(175, 160, 144)  
}
```

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, 160, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 160, 144) }
```

Border

The CSS property to change the border of an element to XYZ 35.2840, 36.2692, 31.5265 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, 160, 144) }
```


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

```
.border{ border-color:rgb(175, 160, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 160, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 160, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 160, 144);  
box-shadow:4px 4px 4px 4px rgb(175, 160,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2840, 36.2692, 31.5265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 160, 144) }
```

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

```
.background{ background-color: rgb(175,  
160, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor