

Converting Colors

XYZ(35.2268, 36.6349, 33.0763)

Have a look what the booklet for
XYZ(35.2268, 36.6349, 33.0763)
contains.

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Color

**XYZ(35.2789, 36.7494,
33.2509)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA294
RGB	172, 162, 148
RGB Percent	67%, 64%, 58%
CMY	0.3255, 0.3647, 0.4196
CMYK	0.00, 0.06, 0.14, 0.33
HSL	35°, 13%, 63%
HSV	35°, 14%, 67%
XYZ	35.2789, 36.7494, 33.2509
YIQ	163.3940, 10.4540, -2.2340

Conversions

Conversions Part 2

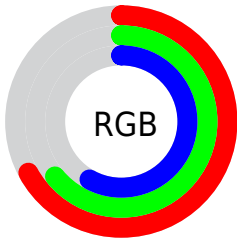
Format	Color
RYB	165, 172, 148
Decimal	11313812
CIELab	67.09, 1.19, 8.57
CIELCh	67, 8.656, 82.090
Yxy	36.7494, 0.3351, 0.3491
Android (android.graphics.Color)	4289503892 (0xFFACA294)
YUV	163.3940, -7.5892, 7.5475
Hunter-Lab	60.6213, -2.2082, 9.9142

Details

The XYZ color **35.2789, 36.7494, 33.2509** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8860, 33.7276, 43.8597**, and the grayscale version is **35.0311, 36.8555, 40.1356**.

A 20% lighter version of the original color is **67.1521, 70.2209, 65.8918**, and **15.4793, 16.0080, 13.5833** is the 20% darker color. If you saturate the color by 10%, you get **32.7914, 33.7934, 26.1966**, and if you desaturate by 10%, it is **38.0427, 39.9334, 41.3963**.

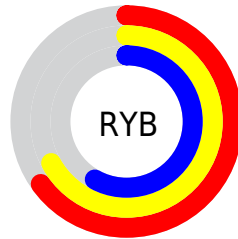
Distribution



Red (67%)

Green (64%)

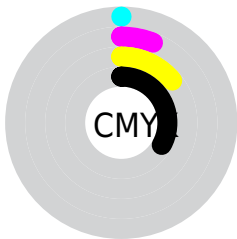
Blue (58%)



Red (65%)

Yellow (67%)

Blue (58%)

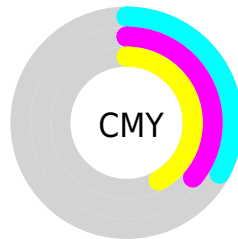


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (33%)



Cyan (33%)


Magenta (36%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2789, 36.7494, 33.2509 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 35.2789, 36.7494, 33.2509 by changing the saturation by 10% instead.


 35.2789, 36.7494,
33.2509


 35.2789, 36.7494,
33.2509


317.2842,
332.2243, 331.4454

 24.0453, 25.0135,
22.0460

 67.2488, 70.1872,
65.8876

 15.4922, 16.0871,
13.6921


 88.7158, 92.6579,
88.1564

 9.2541, 9.5858,
7.7705


114.3246,
119.4757, 114.9504

 4.9657, 5.1252,
3.8628

144.4407,
151.0249, 146.6880

 2.2617, 2.3209,
1.5504

179.4293,
187.6900, 183.7878

 0.7750, 0.7848,
0.2550

219.6559,

 0.0000, 0.0000,

229.8553, 226.6682

0.0000

265.4857,
277.9053, 275.7479

■ 35.2789, 36.7494,
33.2509

■ 35.2789, 36.7494,
33.2509

■ 32.7914, 33.7934,
26.1966

■ 38.0427, 39.9334,
41.3963

■ 30.5671, 31.0546,
20.1839

■ 41.0892, 43.3462,
50.6748

■ 28.5962, 28.5285,
15.1627

■ 44.4285, 46.9949,
61.1290

■ 26.8671, 26.2082,
11.0782

■ 48.0692, 50.8845,
72.7986

■ 25.3671, 24.0868,
7.8698

■ 52.0194, 55.0203,
85.7214

■ 24.0822, 22.1565,
5.4699

■ 56.2870, 59.4068,
99.9336

■ 22.9962, 20.4086,
3.8009

■ 58.6458, 63.1555,
103.7070

■ 22.0903, 18.8333,
2.7696

■ 60.4785, 66.8209,
104.3179

■ 21.6049, 17.9536,
2.3267

■ 62.3917, 70.6473,
104.9556

Harmonies

Analogous

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



36.5086, 36.7494, 34.5596



35.2789, 36.7494, 33.2509



33.9854, 36.7494, 33.6622

Triad

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



35.2789, 36.7494, 33.2509



32.6346, 36.7494, 42.8040



36.9658, 36.7494, 44.6380

Complementary

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



35.2789, 36.7494, 33.2509



31.8860, 33.7276, 43.8597

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.



35.8903, 36.7494, 47.1181



35.2789, 36.7494, 33.2509



33.3961, 36.7494, 46.0137

Square

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



35.2789, 36.7494, 33.2509



32.4802, 36.7494, 39.0239



34.5818, 36.7494, 47.6367



37.4983, 36.7494, 41.0204

Rectangle

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



35.2789, 36.7494, 33.2509



33.2589, 36.7494, 34.8689



34.5818, 36.7494, 47.6367



36.6545, 36.7494, 45.6415

Sweetspot

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



35.2799, 36.7510, 33.2517



68.9520, 72.3736, 74.9113



33.7752, 32.4196, 36.8257



14.9011, 15.6332, 16.0292



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.



35.2799, 36.7510, 33.2517



62.4348, 64.8280, 55.8173



36.6758, 40.1897, 33.8418



8.3788, 8.7624, 8.4631



16.1325, 13.4705, 1.7498



0.5012, 0.4795, 0.0661

Inverse Universe

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



31.8860, 33.7276, 43.8597



54.9737, 58.1820, 79.1386



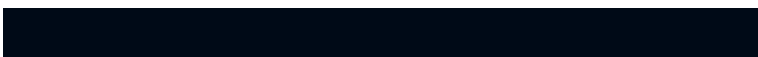
30.6145, 30.6429, 43.3313



7.8427, 8.2848, 10.1385



7.3005, 5.7349, 29.7667



0.2579, 0.2692, 0.8464

Previews

White Background



This preview shows how the XYZ color 35.2789, 36.7494, 33.2509 looks on a white background.

Color Contrast Check

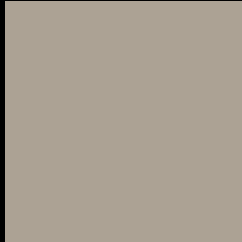
Large Text (above 18pt) WCAG AA × Fail

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 35.2789, 36.7494, 33.2509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

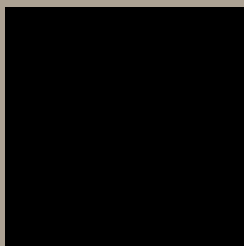
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

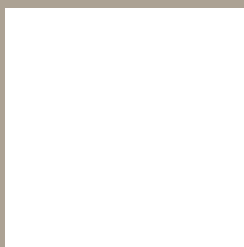
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2789, 36.7494, 33.2509

Background



This preview shows how black text looks on a background with the XYZ color 35.2789, 36.7494, 33.2509.

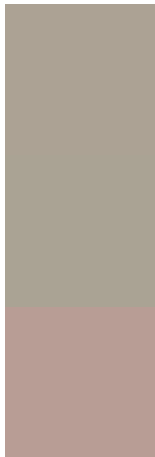


This preview shows how white text looks on a background with the XYZ color 35.2789, 36.7494,

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

35.2789, 36.7494, 33.2509

Protanopia

35.0201, 36.8786, 33.2895

Deuteranopia

37.2490, 36.4742, 33.5108



Tritanopia

37.4280, 36.8505, 43.6683

Trichromacy



Original Color

35.2789, 36.7494, 33.2509

Protanomaly

35.2371, 36.9904, 33.2996

Deuteranomaly

36.6453, 36.6695, 33.5803

Tritanomaly

36.6372, 36.7846, 39.8195

Monochromacy



Original Color

35.2789, 36.7494, 33.2509

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.9946, 36.7700, 37.6007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2789, 36.7494, 33.2509 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(172, 162, 148)` looks like.

```
.text, #text, p{  
    color:rgb(172, 162, 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(172, 162, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 162, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.2789, 36.7494, 33.2509 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(172, 162, 148) }
```


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

```
.border{ border-color:rgb(172, 162, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 162, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 162, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 162, 148);  
box-shadow:4px 4px 4px 4px rgb(172, 162,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2789, 36.7494, 33.2509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 162, 148) }
```

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

```
.background{ background-color: rgb(172,  
162, 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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