

Converting Colors

XYZ(32.6767, 33.3989, 28.1216)

Have a look what the booklet for
XYZ(32.6767, 33.3989, 28.1216)
contains.

XYZ(32.7941, 33.5467, 28.0393)	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(32.7941, 33.5467,
28.0393)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9A88
RGB	171, 154, 136
RGB Percent	67%, 60%, 53%
CMY	0.3294, 0.3961, 0.4667
CMYK	0.00, 0.10, 0.20, 0.33
HSL	31°, 17%, 60%
HSV	31°, 20%, 67%
XYZ	32.7941, 33.5467, 28.0393
YIQ	157.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

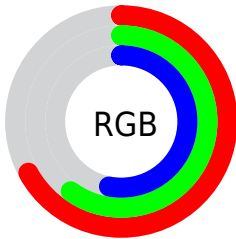
Format	Color
RYB	169, 171, 136
Decimal	11246216
CIELab	64.60, 3.27, 11.72
CIElCh	65, 12.173, 74.414
Yxy	33.5467, 0.3475, 0.3554
Android (android.graphics.Color)	4289436296 (0xFFAB9A88)
YUV	157.0310, -10.3683, 12.2508
Hunter-Lab	57.9195, -0.2922, 11.8409

Details

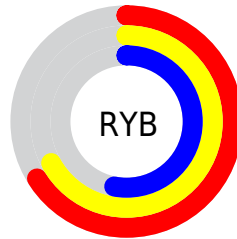
The XYZ color **32.7941, 33.5467, 28.0393** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8951, 30.9562, 42.9804**, and the grayscale version is **32.1027, 33.7745, 36.7804**.

A 20% lighter version of the original color is **63.4197, 65.1168, 57.3703**, and **14.0012, 14.2239, 10.8117** is the 20% darker color. If you saturate the color by 10%, you get **30.3512, 30.4530, 21.7000**, and if you desaturate by 10%, it is **35.5275, 36.9106, 35.4329**.

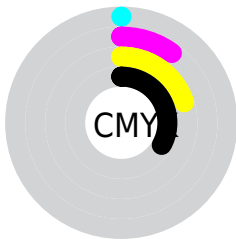
Distribution



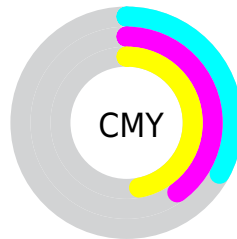
- Red (67%)
- Green (60%)
- Blue (53%)



- Red (66%)
- Yellow (67%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (33%)





- Cyan (33%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7941, 33.5467, 28.0393 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 32.7941, 33.5467, 28.0393 by changing the saturation by 10% instead.


 32.7941, 33.5467,
28.0393


 32.7941, 33.5467,
28.0393


306.4023,
318.1060, 306.5725

 22.1272, 22.5456,
18.1160


 63.4108, 65.2281,
57.5710

 14.0675, 14.2583,
10.8630


 84.0913, 86.6772,
78.0165

 8.2497, 8.3006,
5.8618


 108.8404,
112.3778, 102.8065

 4.3083, 4.2879,
2.6938

138.0235,
142.7142, 132.3595

 1.8780, 1.8359,
0.9403

172.0058,
178.0708, 167.0941

 0.5640, 0.5094,
0.0000

211.1529,

 0.0000, 0.0000,

218.8320, 207.4287

0.0000

255.8299,
265.3823, 253.7820

■ 32.7941, 33.5467,
28.0393

■ 32.7941, 33.5467,
28.0393

■ 30.3512, 30.4530,
21.7000

■ 35.5275, 36.9106,
35.4329

■ 28.1852, 27.6176,
16.3640

■ 38.5592, 40.5474,
43.9243

■ 26.2849, 25.0340,
11.9789

■ 41.8999, 44.4654,
53.5574

■ 24.6376, 22.6938,
8.4870

■ 45.5591, 48.6711,
64.3727

■ 23.2290, 20.5881,
5.8242

■ 49.5455, 53.1708,
76.4091

■ 22.0433, 18.7070,
3.9175

■ 53.8679, 57.9706,
89.7033

■ 21.0620, 17.0395,
2.6810

■ 58.4212, 63.0311,
103.6948

■ 20.2811, 15.6309,
1.9481

■ 60.5525, 67.2937,
104.4053

■ 62.7921, 71.7729,
105.1518

Harmonies

Analogous

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



34.3395, 33.5467, 30.2126



32.7941, 33.5467, 28.0393



31.0581, 33.5467, 27.9968

Triad

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



32.7941, 33.5467, 28.0393



28.7481, 33.5467, 38.9685



34.2886, 33.5467, 43.8207

Complementary

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



32.7941, 33.5467, 28.0393



28.8951, 30.9562, 42.9804

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.



32.7267, 33.5467, 46.6339



32.7941, 33.5467, 28.0393



29.5506, 33.5467, 43.6642

Square

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



32.7941, 33.5467, 28.0393



28.7646, 33.5467, 34.0080



30.9931, 33.5467, 46.5741



35.2236, 33.5467, 39.1667

Rectangle

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



32.7941, 33.5467, 28.0393



30.0282, 33.5467, 29.1667



30.9931, 33.5467, 46.5741



33.8171, 33.5467, 45.0310

Sweetspot

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



32.7950, 33.5482, 28.0400



65.9287, 68.8843, 69.8440



31.3902, 28.5831, 34.2170



14.6272, 15.2711, 15.3657



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.



32.7950, 33.5482, 28.0400



56.4933, 57.2662, 44.3390



35.8016, 39.5615, 29.0422



8.3331, 8.6710, 8.4478



15.3419, 11.8892, 1.4862



0.4813, 0.4398, 0.0595

Inverse Universe

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



28.8951, 30.9562, 42.9804



48.1129, 51.6967, 76.4445



26.3086, 25.7833, 42.1183



7.8879, 8.3751, 10.1535



7.9279, 6.9896, 29.9758



0.2755, 0.3043, 0.8522

Previews

White Background



This preview shows how the XYZ color 32.7941, 33.5467, 28.0393 looks on a white background.

Color Contrast Check

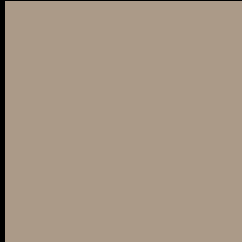
Large Text (above 18pt) WCAG AA × Fail

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 32.7941, 33.5467, 28.0393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

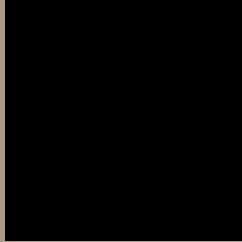
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7941, 33.5467, 28.0393

Background



This preview shows how black text looks on a background with the XYZ color 32.7941, 33.5467, 28.0393.



This preview shows how white text looks on a background with the XYZ color 32.7941, 33.5467,

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

32.7941, 33.5467, 28.0393

Protanopia

31.7137, 33.4756, 28.4569

Deuteranopia

34.1724, 33.5231, 28.3364



Tritanopia

34.8835, 33.4200, 38.7946

Trichromacy



Original Color

32.7941, 33.5467, 28.0393

Protanomaly

32.1731, 33.4643, 28.4305

Deuteranomaly

33.6481, 33.4927, 28.3582

Tritanomaly

34.0500, 33.3174, 34.7733

Monochromacy



Original Color

32.7941, 33.5467, 28.0393

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2136, 33.6282, 33.2268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7941, 33.5467, 28.0393 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(171, 154, 136)` looks like.

```
.text, #text, p{  
    color:rgb(171, 154, 136)  
}
```

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(171, 154, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 154, 136) }
```

Border

The CSS property to change the border of an element to XYZ 32.7941, 33.5467, 28.0393 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(171, 154, 136) }
```


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

```
.border{ border-color:rgb(171, 154, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 154, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 154, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 154, 136);  
box-shadow:4px 4px 4px 4px rgb(171, 154,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7941, 33.5467, 28.0393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 154, 136) }
```

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

```
.background{ background-color: rgb(171,  
154, 136) }
```

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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