

Converting Colors

XYZ(32.8106, 35.5893, 28.0618)

Have a look what the booklet for
XYZ(32.8106, 35.5893, 28.0618)
contains.

XYZ(32.8106, 35.5893, 28.0618)	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(32.8106, 35.5893,
28.0618)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A287
RGB	165, 162, 135
RGB Percent	65%, 64%, 53%
CMY	0.3529, 0.3647, 0.4706
CMYK	0.00, 0.02, 0.18, 0.35
HSL	54°, 14%, 59%
HSV	54°, 18%, 65%
XYZ	32.8106, 35.5893, 28.0618
YIQ	159.8190, 10.4550, -7.7610

Conversions

Conversions Part 2

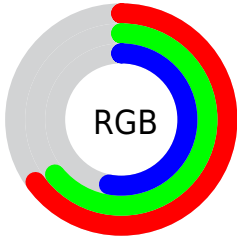
Format	Color
RYB	138, 165, 135
Decimal	10855047
CIELab	66.20, -3.58, 14.46
CIELCh	66, 14.894, 103.922
Yxy	35.5893, 0.3401, 0.3689
Android (android.graphics.Color)	4289045127 (0xFFA5A287)
YUV	159.8190, -12.2358, 4.5437
Hunter-Lab	59.6568, -6.2262, 13.8705

Details

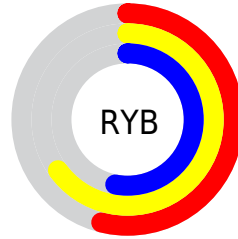
The XYZ color **32.8106, 35.5893, 28.0618** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.8716, 26.0440, 39.2610**, and the grayscale version is **33.3822, 35.1207, 38.2465**.

A 20% lighter version of the original color is **63.4052, 68.4722, 57.4516**, and **14.0257, 15.3184, 10.8119** is the 20% darker color. If you saturate the color by 10%, you get **31.4497, 34.5847, 22.3141**, and if you desaturate by 10%, it is **34.3572, 36.6767, 34.7606**.

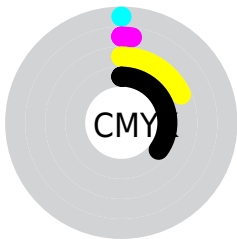
Distribution



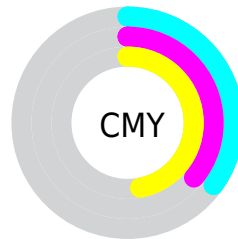
- Red (65%)
- Green (64%)
- Blue (53%)



- Red (54%)
- Yellow (65%)
- Blue (53%)



- Cyan (0%)
- Magenta (2%)
- Yellow (18%)
- Black (35%)



- Cyan (35%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8106, 35.5893, 28.0618 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 32.8106, 35.5893, 28.0618 by changing the saturation by 10% instead.

■ 32.8106, 35.5893,
28.0618

■ 32.8106, 35.5893,
28.0618

306.4755,
327.1619, 306.6833

■ 22.1399, 24.1172,
18.1328

■ 63.4364, 68.3977,
57.6074

■ 14.0769, 15.4206,
10.8749

■ 84.1222, 90.5027,
78.0610

■ 8.2563, 9.1151,
5.8697

■ 108.8771,
116.9209, 102.8600

■ 4.3125, 4.8163,
2.6985

138.0665,
148.0365, 132.4228

■ 1.8804, 2.1399,
0.9427

172.0556,
184.2340, 167.1680

■ 0.5654, 0.6869,
0.0000

211.2100,

■ 0.0000, 0.0000,

225.8978, 207.5141

0.0000

255.8948,
273.4123, 253.8797

■ 32.8106, 35.5893,
28.0618

■ 32.8106, 35.5893,
28.0618

■ 31.4497, 34.5847,
22.3141

■ 34.3572, 36.6767,
34.7606

■ 30.2635, 33.6548,
17.4717

■ 36.0946, 37.8454,
42.4490

■ 29.2440, 32.7976,
13.4883

■ 38.0309, 39.0997,
51.1661

■ 28.3814, 32.0092,
10.3129

■ 40.1730, 40.4426,
60.9482

■ 27.6651, 31.2852,
7.8889

■ 42.5276, 41.8765,
71.8299

■ 27.0827, 30.6209,
6.1522

■ 45.1008, 43.4042,
83.8440

■ 26.6202, 30.0105,
5.0283

■ 47.8988, 45.0280,
97.0223

■ 26.2526, 29.4439,
4.3858

■ 48.9339, 45.9529,
100.8984

■ 26.1889, 29.3427,
4.2834

■ 49.2571, 46.5993,
101.0062

Harmonies

Analogous

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



35.0216, 35.5893, 28.1578



32.8106, 35.5893, 28.0618



30.9531, 35.5893, 30.6009

Triad

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



32.8106, 35.5893, 28.0618



30.8463, 35.5893, 47.8575



38.0930, 35.5893, 42.2332

Complementary

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



32.8106, 35.5893, 28.0618



25.8716, 26.0440, 39.2610

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.



36.8726, 35.5893, 48.2324



32.8106, 35.5893, 28.0618



32.6590, 35.5893, 51.7141

Square

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



32.8106, 35.5893, 28.0618



29.8530, 35.5893, 41.7649



34.8633, 35.5893, 51.8583



38.1379, 35.5893, 35.8851

Rectangle

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



32.8106, 35.5893, 28.0618



30.1381, 35.5893, 33.6249



34.8633, 35.5893, 51.8583



37.8043, 35.5893, 44.3726

Sweetspot

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



32.8115, 35.5909, 28.0626



62.4550, 66.3155, 66.3150



28.7689, 27.1628, 27.7719



13.6098, 14.4680, 14.3036



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.8115, 35.5909, 28.0626



57.6937, 62.9624, 45.7082



30.9656, 35.4322, 28.1292



7.5887, 8.1158, 7.5466



19.8326, 22.2391, 3.2473



0.4329, 0.4997, 0.0736

Inverse Universe

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



25.8716, 26.0440, 39.2610



42.8268, 42.5115, 69.7007



27.4886, 26.2481, 39.2152



6.7548, 6.9685, 8.8921



5.3020, 2.3833, 27.1104



0.1273, 0.0819, 0.5750

Previews

White Background



This preview shows how the XYZ color 32.8106, 35.5893, 28.0618 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 32.8106, 35.5893, 28.0618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

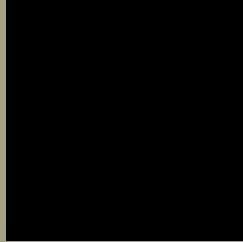
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

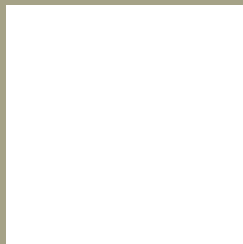
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8106, 35.5893, 28.0618

Background



This preview shows how black text looks on a background with the XYZ color 32.8106, 35.5893, 28.0618.



This preview shows how white text looks on a background with the XYZ color 32.8106, 35.5893,

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

32.8106, 35.5893, 28.0618

Protanopia

33.6255, 35.7570, 27.6838

Deuteranopia

36.1729, 35.5346, 28.2449



Tritanopia

35.8902, 35.5623, 43.0028

Trichromacy



Original Color

32.8106, 35.5893, 28.0618

Protanomaly

33.1964, 35.5358, 27.6637

Deuteranomaly

35.0309, 35.6963, 28.3363

Tritanomaly

34.6324, 35.5554, 36.9358

Monochromacy



Original Color

32.8106, 35.5893, 28.0618

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.2311, 35.4055, 34.3606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8106, 35.5893, 28.0618 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(165, 162, 135)` looks like.

```
.text, #text, p{  
    color:rgb(165, 162, 135)  
}
```

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(165, 162, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 162, 135) }
```

Border

The CSS property to change the border of an element to XYZ 32.8106, 35.5893, 28.0618 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(165, 162, 135) }
```


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

```
.border{ border-color:rgb(165, 162, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 162, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 162, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 162, 135);  
box-shadow:4px 4px 4px 4px rgb(165, 162,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8106, 35.5893, 28.0618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 162, 135) }
```

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

```
.background{ background-color: rgb(165,  
162, 135) }
```

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