

Converting Colors

XYZ(28.3686, 28.8048, 35.5901)

Have a look what the booklet for
XYZ(28.3686, 28.8048, 35.5901)
contains.

XYZ(28.3684, 28.7364, 35.5040)	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(28.3684, 28.7364,
35.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	95909C
RGB	149, 144, 156
RGB Percent	58%, 56%, 61%
CMY	0.4157, 0.4353, 0.3882
CMYK	0.04, 0.08, 0.00, 0.39
HSL	265°, 6%, 59%
HSV	265°, 8%, 61%
XYZ	28.3684, 28.7364, 35.5040
YIQ	146.8630, -0.8720, 4.7920

Conversions

Conversions Part 2

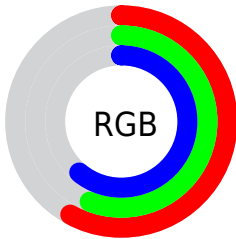
Format	Color
R_{YB}	149, 144, 156
Decimal	9801884
CIE Lab	60.55, 4.20, -5.68
CIE LCh	61, 7.061, 306.461
Yxy	28.7364, 0.3063, 0.3103
Android (android.graphics.Color)	4287991964 (0xFF95909C)
YUV	146.8630, 4.5045, 1.8741
Hunter-Lab	53.6063, 0.6508, -1.7439

Details

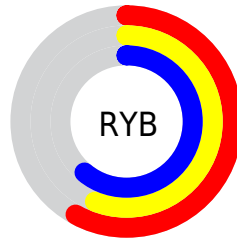
The XYZ color **28.3684, 28.7364, 35.5040** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6862, 32.3707, 31.0706**, and the grayscale version is **27.6595, 29.1000, 31.6899**.

A 20% lighter version of the original color is **56.4555, 57.7378, 69.1418**, and **11.5895, 11.6220, 14.9970** is the 20% darker color. If you saturate the color by 10%, you get **24.5709, 23.5108, 34.6960**, and if you desaturate by 10%, it is **32.6239, 34.6844, 36.4282**.

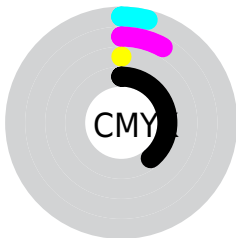
Distribution



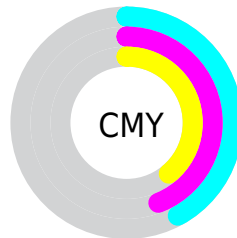
- Red (58%)
- Green (56%)
- Blue (61%)



- Red (58%)
- Yellow (56%)
- Blue (61%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (42%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3684, 28.7364, 35.5040 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 28.3684, 28.7364, 35.5040 by changing the saturation by 10% instead.

■ 28.3684, 28.7364,
35.5040

■ 28.3684, 28.7364,
35.5040

286.2714,
295.9692, 341.7590

■ 18.7454, 18.8815,
23.7647

■ 56.4766, 57.6580,
69.4262

■ 11.5894, 11.5847,
14.9486

■ 75.6926, 77.4935,
92.4462

■ 6.5349, 6.4616,
8.6371

98.8369, 101.4247,
120.0636

■ 3.2167, 3.1277,
4.4117

126.2749,
129.8359, 152.6968

■ 1.2694, 1.1988,
1.8538

158.3720,
163.1116, 190.7644

■ 0.1601, 0.0607,
0.4631

195.4936,

■ 0.0000, 0.0000,

201.6361, 234.6849

0.0000

238.0049,
245.7938, 284.8769

■ 28.3684, 28.7364,
35.5040

■ 28.3684, 28.7364,
35.5040

■ 24.5709, 23.5108,
34.6960

■ 32.6239, 34.6844,
36.4282

■ 21.2126, 18.9758,
33.9976

■ 37.3503, 41.3776,
37.4710

■ 18.2771, 15.1026,
33.4047

■ 42.5631, 48.8426,
38.6372

■ 15.7459, 11.8589,
32.9120

■ 48.2763, 57.1032,
39.9305

■ 13.5990, 9.2097,
32.5138

■ 54.5032, 66.1824,
41.3548

■ 11.8146, 7.1163,
32.2038

■ 61.2567, 76.1023,
42.9136

■ 10.3683, 5.5355,
31.9749

■ 68.5493, 86.8839,
44.6103

■ 9.2321, 4.4169,
31.8189

■ 71.8298, 89.4215,
44.9272

■ 8.3601, 3.6747,
31.7216

■ 74.6907, 90.8963,
45.0611

Harmonies

Analogous

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



27.5109, 28.7364, 36.5487



28.3684, 28.7364, 35.5040



28.9523, 28.7364, 33.3377

Triad

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



28.3684, 28.7364, 35.5040



28.0193, 28.7364, 26.9074



25.6076, 28.7364, 31.8575

Complementary

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



28.3684, 28.7364, 35.5040



29.6862, 32.3707, 31.0706

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.



25.7369, 28.7364, 29.3261



28.3684, 28.7364, 35.5040



27.1163, 28.7364, 26.5599

Square

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



28.3684, 28.7364, 35.5040



28.7477, 28.7364, 28.3987



26.2843, 28.7364, 27.4216



25.9270, 28.7364, 34.3692

Rectangle

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



28.3684, 28.7364, 35.5040



29.1008, 28.7364, 31.6000



26.2843, 28.7364, 27.4216



25.6001, 28.7364, 30.9801

Sweetspot

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



28.3692, 28.7376, 35.5046



55.7891, 58.1347, 65.4075



28.6023, 30.5283, 35.8380



12.2972, 12.8217, 14.3971



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.3692, 28.7376, 35.5046



50.4479, 50.7012, 64.2542



29.4541, 29.2969, 35.5554



6.5334, 6.5635, 8.3292



6.7749, 2.9216, 26.1141



0.1681, 0.0765, 0.4691

Inverse Universe

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



29.2706, 29.2502, 33.3829



52.3890, 51.8053, 59.6735



28.6359, 31.8292, 31.0214



6.7872, 6.7078, 7.7304



12.8669, 6.4513, 8.8158



0.2508, 0.1237, 0.2670

Previews

White Background



This preview shows how the XYZ color 28.3684, 28.7364, 35.5040 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3684, 28.7364, 35.5040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

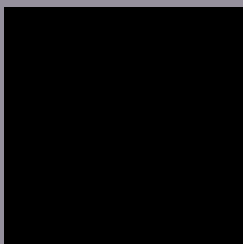
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

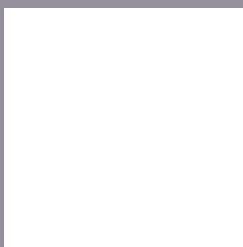
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3684, 28.7364, 35.5040

Background



This preview shows how black text looks on a background with the XYZ color 28.3684, 28.7364, 35.5040.



This preview shows how white text looks on a background with the XYZ color 28.3684, 28.7364,

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

28.3684, 28.7364, 35.5040

Protanopia

27.8883, 28.7049, 35.9690

Deuteranopia

29.1913, 28.7149, 35.4565



Tritanopia

28.2841, 28.7026, 35.0598

Trichromacy



Original Color

28.3684, 28.7364, 35.5040

Protanomaly

28.0653, 28.7961, 35.9773

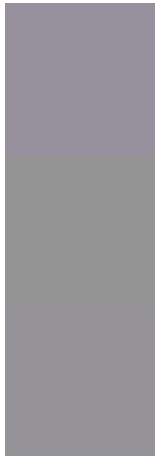
Deuteranomaly

28.9601, 28.8175, 35.4885

Tritanomaly

28.2841, 28.7026, 35.0598

Monochromacy



Original Color

28.3684, 28.7364, 35.5040

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.9966, 29.0557, 32.9869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3684, 28.7364, 35.5040 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(149, 144, 156) looks like.

```
.text, #text, p{  
    color:rgb(149, 144, 156)  
}
```

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(149, 144, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 144, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.3684, 28.7364, 35.5040 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(149, 144, 156) }
```


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

```
.border{ border-color:rgb(149, 144, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 144, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 144, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 144, 156);  
box-shadow:4px 4px 4px 4px rgb(149, 144,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3684, 28.7364, 35.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 144, 156) }
```

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

```
.background{ background-color: rgb(149,  
144, 156) }
```

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