

Converting Colors

XYZ(32.8283, 40.7494, 35.7868)

Have a look what the booklet for
XYZ(32.8283, 40.7494, 35.7868)
contains.

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Color

**XYZ(32.8388, 40.8037,
35.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB598
RGB	139, 181, 152
RGB Percent	55%, 71%, 60%
CMY	0.4549, 0.2902, 0.4039
CMYK	0.23, 0.00, 0.16, 0.29
HSL	139°, 22%, 63%
HSV	139°, 23%, 71%
XYZ	32.8388, 40.8037, 35.8509
YIQ	165.1360, -15.7230, -17.9230

Conversions

Conversions Part 2

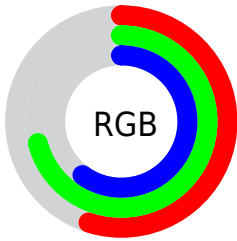
Format	Color
RYB	139, 171, 181
Decimal	9155992
CIELab	70.04, -20.01, 10.24
CIElCh	70, 22.472, 152.902
Yxy	40.8037, 0.2999, 0.3727
Android (android.graphics.Color)	4287346072 (0xFF8BB598)
YUV	165.1360, -6.4760, -22.9213
Hunter-Lab	63.8778, -20.0214, 11.4384

Details

The XYZ color **32.8388, 40.8037, 35.8509** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.3579, 31.1170, 41.1900**, and the grayscale version is **35.8658, 37.7336, 41.0919**.

A 20% lighter version of the original color is **63.4171, 76.3621, 69.7894**, and **14.0926, 18.4526, 15.1309** is the 20% darker color. If you saturate the color by 10%, you get **29.0930, 38.9859, 30.6111**, and if you desaturate by 10%, it is **37.1951, 42.9260, 41.6841**.

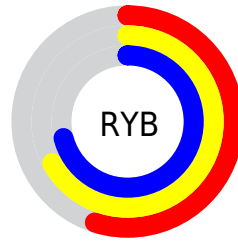
Distribution



Red (55%)

Green (71%)

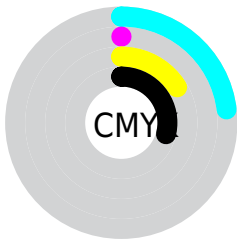
Blue (60%)



Red (55%)

Yellow (67%)

Blue (71%)

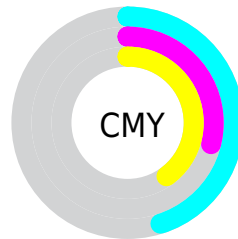


Cyan (23%)

Magenta (0%)

Yellow (16%)

Black (29%)



Cyan (45%)


Magenta (29%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8388, 40.8037, 35.8509 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 32.8388, 40.8037, 35.8509 by changing the saturation by 10% instead.


 32.8388, 40.8037,
35.8509


 32.8388, 40.8037,
35.8509


306.6006,
349.4995, 343.3261


 22.1616, 28.1657,
24.0303


 63.4801, 76.3858,
69.9683

 14.0930, 18.4506,
15.1437


 84.1750, 100.0988,
93.1022

 8.2675, 11.2740,
8.7725


 108.9398,
128.2721, 120.8443

 4.3198, 6.2514,
4.4983

138.1400,
161.2904, 153.6130

 1.8846, 2.9986,
1.9025

172.1407,
199.5378, 191.8271

 0.5679, 1.1310,
0.4943

211.3075,

 0.0000, 0.0042,

243.3989, 235.9049

0.0000

256.0057,
293.2580, 286.2650

■ 0.0000, 0.0000,
0.0000

■ 32.8388, 40.8037,
35.8509

■ 32.8388, 40.8037,
35.8509

■ 29.0930, 38.9859,
30.6111

■ 37.1951, 42.9260,
41.6841

■ 25.9264, 37.4535,
25.9433

■ 42.1848, 45.3609,
48.1259

■ 23.3100, 36.1931,
21.8288

■ 47.8333, 48.1222,
55.1941

■ 21.2108, 35.1880,
18.2468

■ 54.1640, 51.2217,
62.9052

■ 19.5920, 34.4198,
15.1752

■ 61.1990, 54.6704,
71.2750

■ 18.4118, 33.8674,
12.5903

■ 68.9593, 58.4788,
80.3187

■ 17.6206, 33.5057,
10.4663

■ 73.4168, 60.5702,
89.8615

■ 17.2390, 33.3351,
9.2701

■ 75.3331, 61.3367,
99.9524

■ 75.8147, 61.5293,
102.4882

Harmonies

Analogous

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



35.0776, 40.8037, 29.5403



32.8388, 40.8037, 35.8509



32.1590, 40.8037, 45.4585

Triad

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



32.8388, 40.8037, 35.8509



39.1407, 40.8037, 67.7988



45.0084, 40.8037, 34.3380

Complementary

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



32.8388, 40.8037, 35.8509



35.3579, 31.1170, 41.1900

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.



46.2587, 40.8037, 43.4138



32.8388, 40.8037, 35.8509



42.7399, 40.8037, 63.6288

Square

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



32.8388, 40.8037, 35.8509



35.6590, 40.8037, 64.9365



45.4037, 40.8037, 54.2751



42.0836, 40.8037, 28.7684

Rectangle

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



32.8388, 40.8037, 35.8509



32.6439, 40.8037, 52.7583



45.4037, 40.8037, 54.2751



45.6465, 40.8037, 37.0247

Sweetspot

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



32.8399, 40.8054, 35.8518



71.9151, 79.4625, 81.5440



37.4193, 43.2826, 30.8087



15.4298, 17.1192, 17.4783



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.8399, 40.8054, 35.8518



55.1490, 71.2979, 59.1380



34.6768, 41.5402, 45.5246



8.4937, 9.5320, 9.5935



11.9115, 22.9906, 6.5369



0.4017, 0.7341, 0.3472

Inverse Universe

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



35.3579, 31.1170, 41.1900



60.4726, 50.8061, 70.4176



33.5878, 30.4090, 31.8685



8.7358, 8.6010, 10.1072



15.7199, 7.8055, 14.2169



0.5193, 0.2555, 0.5775

Previews

White Background



This preview shows how the XYZ color 32.8388, 40.8037, 35.8509 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 32.8388, 40.8037, 35.8509 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 32.8388, 40.8037, 35.8509

Background



This preview shows how black text looks on a background with the XYZ color 32.8388, 40.8037, 35.8509.



This preview shows how white text looks on a background with the XYZ color 32.8388, 40.8037,

35.8509.

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

32.8388, 40.8037, 35.8509

Protanopia

38.2316, 40.4397, 33.3944

Deuteranopia

41.3638, 40.6143, 36.6696



Tritanopia

36.6737, 40.8794, 54.6728

Trichromacy



Original Color

32.8388, 40.8037, 35.8509

Protanomaly

35.8707, 40.3345, 34.3285

Deuteranomaly

37.6292, 40.3432, 36.3756

Tritanomaly

35.0846, 40.8150, 47.1032

Monochromacy



Original Color

32.8388, 40.8037, 35.8509

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.6184, 38.7318, 38.9091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8388, 40.8037, 35.8509 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(139, 181, 152)` looks like.

```
.text, #text, p{  
    color:rgb(139, 181, 152)  
}
```

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(139, 181, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 181, 152) }
```

Border

The CSS property to change the border of an element to XYZ 32.8388, 40.8037, 35.8509 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(139, 181, 152) }
```


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

```
.border{ border-color:rgb(139, 181, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 181, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 181, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 181, 152);  
box-shadow:4px 4px 4px 4px rgb(139, 181,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8388, 40.8037, 35.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 181, 152) }
```

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

```
.background{ background-color: rgb(139,  
181, 152) }
```

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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