

Converting Colors

XYZ(13.3769, 9.3385, 6.3934)

Have a look what the booklet for
XYZ(13.3769, 9.3385, 6.3934)
contains.

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Color

**XYZ(13.3832, 9.3395,
6.4075)**

Conversions

Conversions Part 1

Format	Color
Hex	8B3E43
RGB	139, 62, 67
RGB Percent	55%, 24%, 26%
CMY	0.4549, 0.7568, 0.7373
CMYK	0.00, 0.55, 0.52, 0.45
HSL	356°, 38%, 39%
HSV	356°, 55%, 55%
XYZ	13.3832, 9.3395, 6.4075
YIQ	85.5930, 44.2870, 17.8790

Conversions

Conversions Part 2

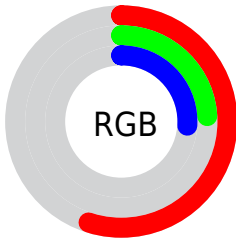
Format	Color
RYB	139, 62, 67
Decimal	9125443
CIELab	36.63, 33.27, 12.95
CIElCh	37, 35.700, 21.266
Yxy	9.3395, 0.4594, 0.3206
Android (android.graphics.Color)	4287315523 (0xFF8B3E43)
YUV	85.5930, -9.1663, 46.8379
Hunter-Lab	30.5606, 24.6883, 8.9614

Details

The XYZ color **13.3832, 9.3395, 6.4075** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **15.5229, 21.2108, 25.8318**, and the grayscale version is **8.7718, 9.2286, 10.0499**.

A 20% lighter version of the original color is **31.6536, 24.5619, 19.2922**, and **4.0309, 2.2366, 1.0834** is the 20% darker color. If you saturate the color by 10%, you get **12.3746, 7.8778, 4.3587**, and if you desaturate by 10%, it is **14.6732, 11.2239, 8.9822**.

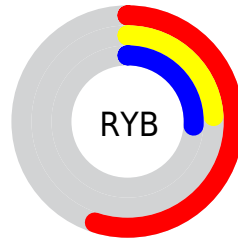
Distribution



Red (55%)

Green (24%)

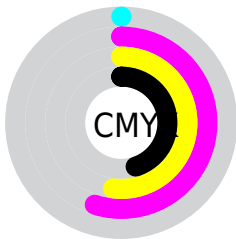
Blue (26%)



Red (55%)

Yellow (24%)

Blue (26%)

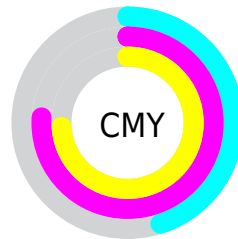


Cyan (0%)

Magenta (55%)

Yellow (52%)

Black (45%)



Cyan (45%)


Magenta (76%)


Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3832, 9.3395, 6.4075 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 13.3832, 9.3395, 6.4075 by changing the saturation by 10% instead.


 13.3832, 9.3395,
6.4075


 13.3832, 9.3395,
6.4075


206.9475,
185.8907, 172.0852


 7.7718, 4.9633,
3.0216


 31.5860, 24.5455,
19.2631


 3.9998, 2.2257,
1.1057

 44.9081, 36.1441,
29.5699


 1.7020, 0.7340,
0.0000

 61.5311, 50.9190,
43.0208

 0.4575, 0.0000,
0.0000

 81.8204, 69.2545,
60.0343

 0.0000, 0.0000,
0.0000

 106.1413, 91.5350,
81.0289

 134.8593,

118.1449, 106.4233

168.3395,
149.4687, 136.6358

■ 13.3832, 9.3395,
6.4075

■ 13.3832, 9.3395,
6.4075

■ 12.3746, 7.8778,
4.3587

■ 14.6732, 11.2239,
8.9822

■ 11.6256, 6.8049,
2.7989

■ 16.2628, 13.5587,
12.1151

■ 11.1126, 6.0840,
1.6876

■ 18.1693, 16.3708,
15.8365

■ 10.8032, 5.6625,
0.9758

■ 20.4088, 19.6847,
20.1744

■ 10.6968, 5.5087,
0.7585

■ 22.9959, 23.5232,
25.1551

■ 25.9448, 27.9077,
30.8030

■ 29.2685, 32.8584,
37.1418

■ 32.9796, 38.3944,
44.1936

■ 37.0900, 44.5341,
51.9796

Harmonies

Analogous

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



13.6969, 9.3395, 12.1027



13.3832, 9.3395, 6.4075



11.7659, 9.3395, 3.3859

Triad

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



13.3832, 9.3395, 6.4075



5.9927, 9.3395, 4.3562



8.2556, 9.3395, 27.2435

Complementary

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



13.3832, 9.3395, 6.4075



15.5229, 21.2108, 25.8318

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.



6.5044, 9.3395, 22.6990



13.3832, 9.3395, 6.4075



5.3455, 9.3395, 8.4533

Square

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



13.3832, 9.3395, 6.4075



7.4420, 9.3395, 2.5837



5.5162, 9.3395, 15.1731



10.4854, 9.3395, 25.9563

Rectangle

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



13.3832, 9.3395, 6.4075



10.2921, 9.3395, 2.5116



5.5162, 9.3395, 15.1731



7.5978, 9.3395, 26.2966

Sweetspot

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



13.3834, 9.3400, 6.4077



35.7070, 34.0051, 34.5028



16.1934, 10.3673, 25.5736



8.0626, 7.5911, 7.6309



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



13.3834, 9.3400, 6.4077



21.8502, 13.6606, 7.1658



15.6426, 14.0879, 6.4530



5.0452, 5.0535, 5.3264



9.6570, 4.9729, 0.6979



0.0657, 0.0336, 0.0125

Inverse Universe

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



13.3834, 9.3400, 6.4077



21.8502, 13.6606, 7.1658



11.7636, 13.1214, 26.3386



5.0452, 5.0535, 5.3264



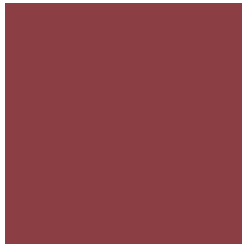
9.6570, 4.9729, 0.6979



0.0657, 0.0336, 0.0125

Previews

White Background



This preview shows how the XYZ color 13.3832, 9.3395, 6.4075 looks on a white background.

Color Contrast Check

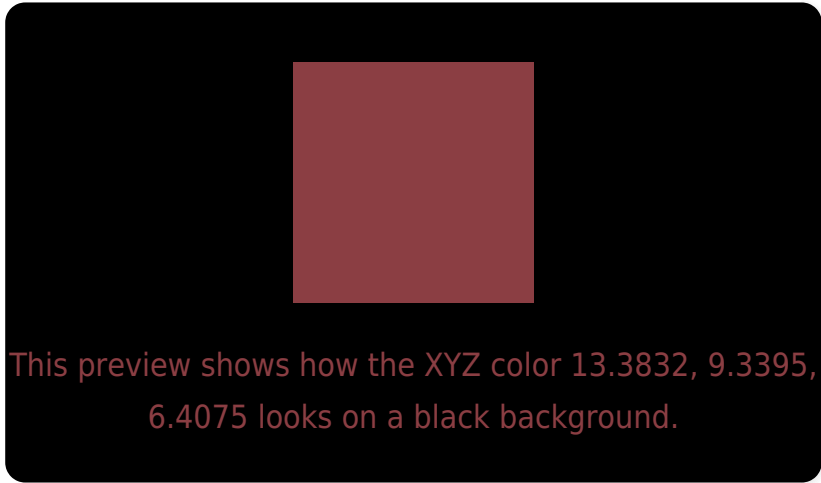
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

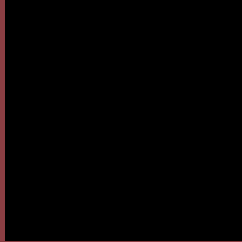
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.3832, 9.3395, 6.4075

Background



This preview shows how black text looks on a background with the XYZ color 13.3832, 9.3395, 6.4075.



This preview shows how white text looks on a background with the XYZ color 13.3832, 9.3395,

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

13.3832, 9.3395, 6.4075

Protanopia

9.0359, 9.5546, 8.7651

Deuteranopia

9.5840, 9.4290, 6.0175



Tritanopia

13.3535, 9.3276, 6.2509

Trichromacy



Original Color

13.3832, 9.3395, 6.4075

Protanomaly

10.1787, 9.1449, 7.8853

Deuteranomaly

10.6439, 9.1153, 6.0489

Tritanomaly

13.3535, 9.3276, 6.2509

Monochromacy



Original Color

13.3832, 9.3395, 6.4075

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.8909, 8.8755, 8.5890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3832, 9.3395, 6.4075 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, 62, 67)` looks like.

```
.text, #text, p{  
    color:rgb(139, 62, 67)  
}
```

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, 62, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 62, 67) }
```

Border

The CSS property to change the border of an element to XYZ 13.3832, 9.3395, 6.4075 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, 62, 67) }
```


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

```
.border{ border-color:rgb(139, 62, 67) }
```

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

Here you see how a box with a 4 pixel rgb(139, 62, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 62, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 62, 67);  
box-shadow:4px 4px 4px 4px rgb(139, 62,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3832, 9.3395, 6.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 62, 67) }
```

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

```
.background{ background-color: rgb(139, 62,  
67) }
```

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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