

Converting Colors

XYZ(33.2255, 32.8134, 38.3007)

Have a look what the booklet for
XYZ(33.2255, 32.8134, 38.3007)
contains.

XYZ(33.2255, 32.8134, 38.3007)	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(33.2255, 32.8134,
38.3007)**

Conversions

Conversions Part 1

Format	Color
Hex	A697A1
RGB	166, 151, 161
RGB Percent	65%, 59%, 63%
CMY	0.3490, 0.4078, 0.3686
CMYK	0.00, 0.09, 0.03, 0.35
HSL	320°, 8%, 62%
HSV	320°, 9%, 65%
XYZ	33.2255, 32.8134, 38.3007
YIQ	156.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

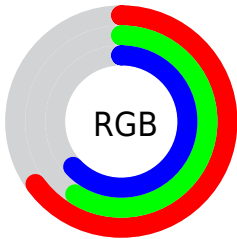
Format	Color
RYB	166, 151, 161
Decimal	10917793
CIELab	64.01, 7.35, -3.23
CIELCh	64, 8.032, 336.253
Yxy	32.8134, 0.3184, 0.3145
Android (android.graphics.Color)	4289107873 (0xFFA697A1)
YUV	156.6250, 2.1569, 8.2219
Hunter-Lab	57.2830, 3.2891, 0.4554

Details

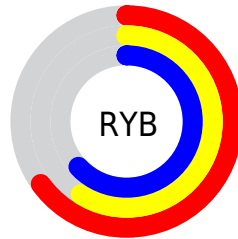
The XYZ color **33.2255, 32.8134, 38.3007** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4007, 36.2529, 36.7440**, and the grayscale version is **31.8690, 33.5287, 36.5128**.

A 20% lighter version of the original color is **64.0448, 63.9927, 73.9420**, and **14.3111, 13.8175, 16.6646** is the 20% darker color. If you saturate the color by 10%, you get **30.2628, 27.6514, 34.9586**, and if you desaturate by 10%, it is **36.5879, 38.7392, 41.8835**.

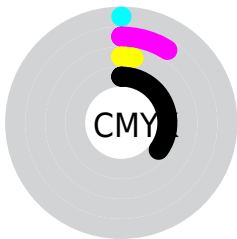
Distribution



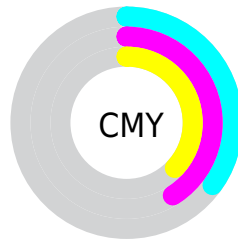
- Red (65%)
- Green (59%)
- Blue (63%)



- Red (65%)
- Yellow (59%)
- Blue (63%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (35%)



- Cyan (35%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2255, 32.8134, 38.3007 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 33.2255, 32.8134, 38.3007 by changing the saturation by 10% instead.

■ 33.2255, 32.8134,
38.3007

■ 33.2255, 32.8134,
38.3007

308.3117,
314.8081, 354.2449

■ 22.4593, 21.9835,
25.9125

■ 64.0798, 64.0841,
73.7773

■ 14.3133, 13.8448,
16.5330

■ 84.8985, 85.2937,
97.7028

■ 8.4220, 8.0128,
9.7437

109.7989,
110.7320, 126.3112

■ 4.4202, 4.1031,
5.1260

139.1462,
140.7835, 160.0210

■ 1.9425, 1.7314,
2.2613

173.3057,
175.8324, 199.2507

■ 0.6014, 0.4439,
0.7094

212.6429,

■ 0.0000, 0.0000,

216.2632, 244.4189

0.0000

257.5231,
262.4603, 295.9441

■ 33.2255, 32.8134,
38.3007

■ 33.2255, 32.8134,
38.3007

■ 30.2628, 27.6514,
34.9586

■ 36.5879, 38.7392,
41.8835

■ 27.6810, 23.2176,
31.8482

■ 40.3621, 45.4542,
45.7110

■ 25.4641, 19.4799,
28.9634

■ 44.5633, 52.9876,
49.7901

■ 23.5937, 16.4020,
26.2965

■ 49.2049, 61.3661,
54.1266

■ 22.0499, 13.9443,
23.8394

■ 54.2999, 70.6151,
58.7260

■ 20.8104, 12.0633,
21.5832

■ 59.8607, 80.7589,
63.5937

■ 19.8504, 10.7092,
19.5182

■ 61.8811, 83.7851,
67.3956

■ 19.1406, 9.8243,
17.6331

■ 62.5388, 84.0482,
70.8586

■ 18.6234, 9.2938,
15.9070

■ 63.2201, 84.3207,
74.4462

Harmonies

Analogous

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



32.4945, 32.8134, 41.0007



33.2255, 32.8134, 38.3007



33.4047, 32.8134, 35.0528

Triad

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



33.2255, 32.8134, 38.3007



30.9514, 32.8134, 29.8769



29.4637, 32.8134, 39.5471

Complementary

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



33.2255, 32.8134, 38.3007



32.4007, 36.2529, 36.7440

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.



29.0718, 32.8134, 36.4122



33.2255, 32.8134, 38.3007



29.9173, 32.8134, 30.9283

Square

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



33.2255, 32.8134, 38.3007



32.0739, 32.8134, 30.3150



29.2358, 32.8134, 33.2736



30.3189, 32.8134, 41.7502

Rectangle

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



33.2255, 32.8134, 38.3007



33.1835, 32.8134, 33.0383



29.2358, 32.8134, 33.2736



29.2744, 32.8134, 38.5603

Sweetspot

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



33.2264, 32.8148, 38.3014



63.8609, 65.8138, 73.3463



31.6611, 31.9559, 40.5762



14.1822, 14.5363, 16.2981



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.2264, 32.8148, 38.3014



59.0746, 57.4061, 68.1596



32.5848, 32.5582, 34.9224



7.7340, 7.6235, 8.9163



14.4273, 7.1796, 12.3278



0.3733, 0.1836, 0.4171

Inverse Universe

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



33.2264, 32.8148, 38.3014



59.0746, 57.4061, 68.1596



33.0555, 36.5148, 40.1922



7.7340, 7.6235, 8.9163



14.4273, 7.1796, 12.3278



0.3733, 0.1836, 0.4171

Previews

White Background



This preview shows how the XYZ color 33.2255, 32.8134, 38.3007 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 33.2255, 32.8134, 38.3007 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 33.2255, 32.8134, 38.3007

Background



This preview shows how black text looks on a background with the XYZ color 33.2255, 32.8134, 38.3007.



This preview shows how white text looks on a background with the XYZ color 33.2255, 32.8134,

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

33.2255, 32.8134, 38.3007

Protanopia

31.8768, 32.8235, 39.3058

Deuteranopia

33.2757, 32.6014, 38.2571



Tritanopia

33.4034, 32.8846, 39.2371

Trichromacy



Original Color

33.2255, 32.8134, 38.3007

Protanomaly

32.4100, 32.8647, 38.8177

Deuteranomaly

33.2757, 32.6014, 38.2571

Tritanomaly

33.3141, 32.8488, 38.7670

Monochromacy



Original Color

33.2255, 32.8134, 38.3007

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.3901, 33.3849, 37.0845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2255, 32.8134, 38.3007 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(166, 151, 161)` looks like.

```
.text, #text, p{  
    color:rgb(166, 151, 161)  
}
```

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(166, 151, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 151, 161) }
```

Border

The CSS property to change the border of an element to XYZ 33.2255, 32.8134, 38.3007 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(166, 151, 161) }
```


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

```
.border{ border-color:rgb(166, 151, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 151, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 151, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 151, 161);  
box-shadow:4px 4px 4px 4px rgb(166, 151,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2255, 32.8134, 38.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 151, 161) }
```

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

```
.background{ background-color: rgb(166,  
151, 161) }
```

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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