

Converting Colors

XYZ(30.2618, 31.2644, 30.9224)

Have a look what the booklet for
XYZ(30.2618, 31.2644, 30.9224)
contains.

XYZ(30.2385, 31.1972, 30.8135)	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(30.2385, 31.1972,
30.8135)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9690
RGB	159, 150, 144
RGB Percent	62%, 59%, 56%
CMY	0.3765, 0.4118, 0.4353
CMYK	0.00, 0.06, 0.09, 0.38
HSL	24°, 7%, 59%
HSV	24°, 9%, 62%
XYZ	30.2385, 31.1972, 30.8135
YIQ	152.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

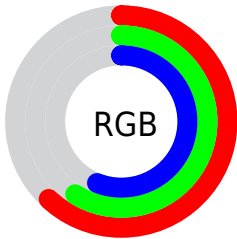
Format	Color
R_{YB}	159, 154, 144
Decimal	10458768
CIE _{Lab}	62.67, 2.22, 4.34
CIE _{LCh}	63, 4.872, 62.879
Yxy	31.1972, 0.3278, 0.3382
Android (android.graphics.Color)	4288648848 (0xFF9F9690)
YUV	152.0070, -3.9475, 6.1329
Hunter-Lab	55.8545, -1.1089, 6.3893

Details

The XYZ color **30.2385, 31.1972, 30.8135** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.1509, 31.2146, 37.2900**, and the grayscale version is **29.8630, 31.4182, 34.2145**.

A 20% lighter version of the original color is **59.5175, 61.5591, 62.1713**, and **12.6666, 12.9200, 12.4159** is the 20% darker color. If you saturate the color by 10%, you get **27.6476, 27.8250, 24.3705**, and if you desaturate by 10%, it is **33.1262, 34.8884, 38.2006**.

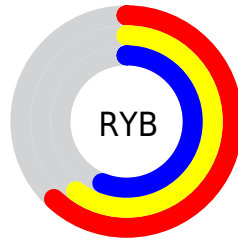
Distribution



Red (62%)

Green (59%)

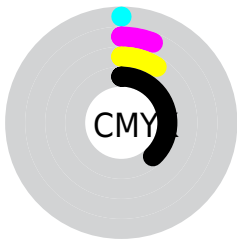
Blue (56%)



Red (62%)

Yellow (60%)

Blue (56%)

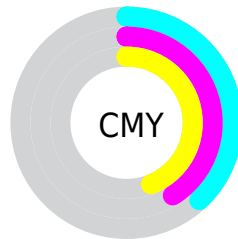


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2385, 31.1972, 30.8135 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 30.2385, 31.1972, 30.8135 by changing the saturation by 10% instead.

■ 30.2385, 31.1972,
30.8135

■ 30.2385, 31.1972,
30.8135

294.9045,
307.4458, 320.0027

■ 20.1687, 20.7491,
20.1996

■ 59.4232, 61.5504,
62.0225

■ 12.6267, 12.9407,
12.3547

■ 79.2687, 82.2243,
83.4546

■ 7.2472, 7.3877,
6.8603

103.1036,
107.0755, 109.3299

■ 3.6649, 3.7057,
3.2977

131.2931,
136.4885, 140.0669

■ 1.5143, 1.5104,
1.2486

164.2025,
170.8476, 176.0841

■ 0.3356, 0.2960,
0.0191

202.1974,

■ 0.0000, 0.0000,

210.5372, 217.8002

0.0000

245.6429,
255.9418, 265.6335

■ 30.2385, 31.1972,
30.8135

■ 30.2385, 31.1972,
30.8135

■ 27.6476, 27.8250,
24.3705

■ 33.1262, 34.8884,
38.2006

■ 25.3409, 24.7589,
18.8313

■ 36.3177, 38.9029,
46.5662

■ 23.3086, 21.9913,
14.1553

■ 39.8229, 43.2500,
55.9451

■ 21.5392, 19.5124,
10.2983

■ 43.6504, 47.9374,
66.3701

■ 20.0206, 17.3121,
7.2119

■ 47.8087, 52.9727,
77.8722

■ 18.7393, 15.3795,
4.8426

■ 52.3058, 58.3629,
90.4813

■ 17.6805, 13.7028,
3.1300

■ 57.1007, 64.0958,
103.9699

■ 16.8270, 12.2691,
2.0035

■ 59.6270, 69.1484,
104.8120

■ 16.1461, 11.0587,
1.3094

■ 62.2977, 74.4898,
105.7023

Harmonies

Analogous

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



30.7384, 31.1972, 32.0198



30.2385, 31.1972, 30.8135



29.5879, 31.1972, 30.4422

Triad

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



30.2385, 31.1972, 30.8135



28.3937, 31.1972, 34.1526



30.3513, 31.1972, 37.1363

Complementary

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



30.2385, 31.1972, 30.8135



29.1509, 31.2146, 37.2900

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.



29.7162, 31.1972, 37.7570



30.2385, 31.1972, 30.8135



28.5915, 31.1972, 35.9946

Square

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



30.2385, 31.1972, 30.8135



28.5289, 31.1972, 32.3269



29.0731, 31.1972, 37.3317



30.8042, 31.1972, 35.6647

Rectangle

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



30.2385, 31.1972, 30.8135



29.1579, 31.1972, 30.7063



29.0731, 31.1972, 37.3317



30.1517, 31.1972, 37.4538

Sweetspot

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



30.2394, 31.1986, 30.8142



57.3898, 60.0205, 63.4208



30.0216, 29.6179, 34.2720



12.8465, 13.4142, 14.0623



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.2394, 31.1986, 30.8142



53.2931, 54.7595, 53.0145



31.4744, 33.6686, 31.2258



6.8400, 7.0600, 6.9879



12.7634, 8.7624, 1.0186



0.2684, 0.2370, 0.0316

Inverse Universe

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



29.1509, 31.2146, 37.2900



51.0043, 54.7931, 66.6314



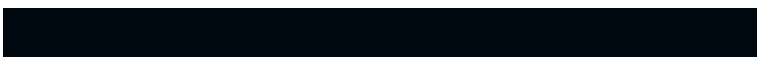
27.9621, 28.8369, 36.8937



6.5989, 7.0636, 8.4223



8.2431, 8.5778, 27.1285



0.1880, 0.2346, 0.4986

Previews

White Background



This preview shows how the XYZ color 30.2385, 31.1972, 30.8135 looks on a white background.

Color Contrast Check

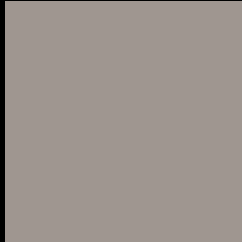
Large Text (above 18pt) WCAG AA × Fail

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 30.2385, 31.1972, 30.8135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

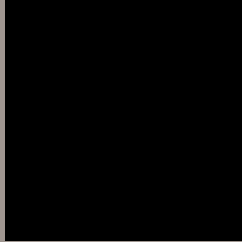
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2385, 31.1972, 30.8135

Background



This preview shows how black text looks on a background with the XYZ color 30.2385, 31.1972, 30.8135.



This preview shows how white text looks on a background with the XYZ color 30.2385, 31.1972,

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

30.2385, 31.1972, 30.8135

Protanopia

29.8877, 31.2455, 31.2438

Deuteranopia

31.7519, 31.0371, 31.1053



Tritanopia

31.5459, 31.2601, 37.1720

Trichromacy



Original Color

30.2385, 31.1972, 30.8135

Protanomaly

30.0821, 31.3456, 31.2529

Deuteranomaly

31.0616, 30.9111, 31.1174

Tritanomaly

31.0774, 31.3016, 34.9757

Monochromacy



Original Color

30.2385, 31.1972, 30.8135

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.0090, 31.2717, 32.8882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2385, 31.1972, 30.8135 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(159, 150, 144)` looks like.

```
.text, #text, p{  
    color:rgb(159, 150, 144)  
}
```

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(159, 150, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 150, 144) }
```

Border

The CSS property to change the border of an element to XYZ 30.2385, 31.1972, 30.8135 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(159, 150, 144) }
```


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

```
.border{ border-color:rgb(159, 150, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 150, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 150, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 150, 144);  
box-shadow:4px 4px 4px 4px rgb(159, 150,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2385, 31.1972, 30.8135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 150, 144) }
```

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

```
.background{ background-color: rgb(159,  
150, 144) }
```

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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