

Converting Colors

XYZ(30.1237, 30.7487, 33.2958)

Have a look what the booklet for
XYZ(30.1237, 30.7487, 33.2958)
contains.

XYZ(30.1571, 30.8650, 33.2223)	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(30.1571, 30.8650,
33.2223)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9596
RGB	157, 149, 150
RGB Percent	62%, 58%, 59%
CMY	0.3843, 0.4157, 0.4118
CMYK	0.00, 0.05, 0.04, 0.38
HSL	353°, 4%, 60%
HSV	353°, 5%, 62%
XYZ	30.1571, 30.8650, 33.2223
YIQ	151.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

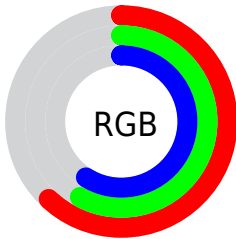
Format	Color
RYB	157, 149, 150
Decimal	10327446
CIELab	62.39, 3.12, 0.52
CIELCh	62, 3.165, 9.407
Yxy	30.8650, 0.3200, 0.3275
Android (android.graphics.Color)	4288517526 (0xFF9D9596)
YUV	151.5060, -0.7425, 4.8182
Hunter-Lab	55.5563, -0.3300, 3.4344

Details

The XYZ color **30.1571, 30.8650, 33.2223** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4533, 32.9046, 36.2002**, and the grayscale version is **29.6348, 31.1781, 33.9530**.

A 20% lighter version of the original color is **59.4064, 61.0686, 65.7831**, and **12.5637, 12.7004, 13.5936** is the 20% darker color. If you saturate the color by 10%, you get **26.7964, 25.8115, 26.9590**, and if you desaturate by 10%, it is **33.9843, 36.6428, 40.2821**.

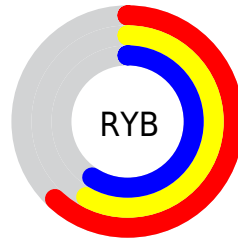
Distribution



Red (62%)

Green (58%)

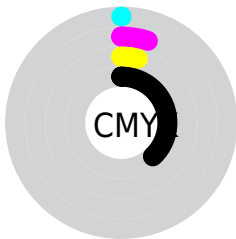
Blue (59%)



Red (62%)

Yellow (58%)

Blue (59%)

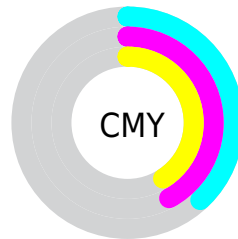


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1571, 30.8650, 33.2223 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 30.1571, 30.8650, 33.2223 by changing the saturation by 10% instead.

■ 30.1571, 30.8650,
33.2223

■ 30.1571, 30.8650,
33.2223

294.5327,
305.9159, 331.3129

■ 20.1065, 20.4961,
22.0243

■ 59.2955, 61.0275,
65.8424

■ 12.5812, 12.7562,
13.6763

■ 79.1140, 81.5898,
88.1017

■ 7.2158, 7.2608,
7.7597

102.9191,
106.3187, 114.8850

■ 3.6450, 3.6258,
3.8560

131.0764,
135.5986, 146.6111

■ 1.5033, 1.4665,
1.5467

163.9510,
169.8139, 183.6983

■ 0.3281, 0.2650,
0.2523

201.9083,

■ 0.0000, 0.0000,

209.3489, 226.5654

0.0000

245.3138,
254.5881, 275.6307

■ 30.1571, 30.8650,
33.2223

■ 30.1571, 30.8650,
33.2223

■ 26.7964, 25.8115,
26.9590

■ 33.9843, 36.6428,
40.2821

■ 23.8816, 21.4499,
21.4623

■ 38.2920, 43.1678,
48.1631

■ 21.3949, 17.7513,
16.7033

■ 43.0972, 50.4666,
56.8911

■ 19.3159, 14.6831,
12.6504

■ 48.4151, 58.5636,
66.4904

■ 17.6227, 12.2102,
9.2699

■ 54.2602, 67.4819,
76.9844

■ 16.2913, 10.2938,
6.5252

■ 60.6466, 77.2438,
88.3953

■ 15.2950, 8.8905,
4.3762

■ 66.3294, 85.3540,
100.3253

■ 14.6034, 7.9508,
2.7782

■ 67.7148, 85.9082,
107.6207

■ 14.1785, 7.4114,
1.6796

Harmonies

Analogous

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



30.1148, 30.8650, 34.4440



30.1571, 30.8650, 33.2223



29.9778, 30.8650, 32.1301

Triad

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



30.1571, 30.8650, 33.2223



28.8160, 30.8650, 31.8153



29.0473, 30.8650, 35.8657

Complementary

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



30.1571, 30.8650, 33.2223



30.4533, 32.9046, 36.2002

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.



28.7039, 30.8650, 35.1280



30.1571, 30.8650, 33.2223



28.5713, 30.8650, 32.7831

Square

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



30.1571, 30.8650, 33.2223



29.2017, 30.8650, 31.3309



28.5304, 30.8650, 33.9941



29.4712, 30.8650, 35.9902

Rectangle

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



30.1571, 30.8650, 33.2223



29.7578, 30.8650, 31.6151



28.5304, 30.8650, 33.9941



28.9187, 30.8650, 35.6803

Sweetspot

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



30.1580, 30.8663, 33.2230



56.0131, 58.2991, 63.2074



30.5316, 30.9919, 36.2715



12.3435, 12.8557, 13.9419



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.



30.1580, 30.8663, 33.2230



53.3565, 54.2944, 58.2875



30.5478, 31.7740, 32.9583



6.8882, 6.9949, 7.5022



11.4007, 5.8649, 1.0953



0.2124, 0.1083, 0.0645

Inverse Universe

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



30.1580, 30.8663, 33.2230



53.3565, 54.2944, 58.2875



30.0479, 31.9581, 36.4835



6.8882, 6.9949, 7.5022



11.4007, 5.8649, 1.0953



0.2124, 0.1083, 0.0645

Previews

White Background



This preview shows how the XYZ color 30.1571, 30.8650, 33.2223 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 30.1571, 30.8650, 33.2223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

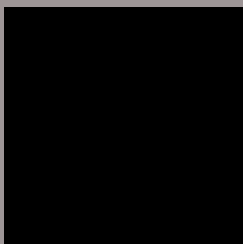
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

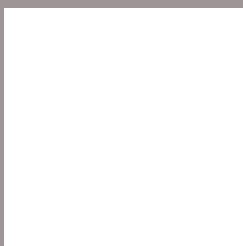
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1571, 30.8650, 33.2223

Background



This preview shows how black text looks on a background with the XYZ color 30.1571, 30.8650, 33.2223.



This preview shows how white text looks on a background with the XYZ color 30.1571, 30.8650,

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

30.1571, 30.8650, 33.2223

Protanopia

29.6291, 30.8194, 33.6653

Deuteranopia

31.3818, 30.7915, 33.5675



Tritanopia

30.9485, 30.9521, 37.1441

Trichromacy



Original Color

30.1571, 30.8650, 33.2223

Protanomaly

29.8187, 30.9171, 33.6741

Deuteranomaly

30.9199, 30.7832, 33.5902

Tritanomaly

30.6912, 30.8492, 35.7894

Monochromacy



Original Color

30.1571, 30.8650, 33.2223

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.9789, 31.2376, 33.7276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1571, 30.8650, 33.2223 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(157, 149, 150)` looks like.

```
.text, #text, p{  
    color:rgb(157, 149, 150)  
}
```

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(157, 149, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 149, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.1571, 30.8650, 33.2223 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(157, 149, 150) }
```


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

```
.border{ border-color:rgb(157, 149, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 149, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 149, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 149, 150);  
box-shadow:4px 4px 4px 4px rgb(157, 149,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1571, 30.8650, 33.2223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 149, 150) }
```

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

```
.background{ background-color: rgb(157,  
149, 150) }
```

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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