

Converting Colors

XYZ(30.0123, 32.7906, 33.1057)

Have a look what the booklet for
XYZ(30.0123, 32.7906, 33.1057)
contains.

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Color

**XYZ(30.0595, 32.7679,
33.1743)**

Conversions

Conversions Part 1

Format	Color
Hex	969D95
RGB	150, 157, 149
RGB Percent	59%, 62%, 58%
CMY	0.4118, 0.3843, 0.4157
CMYK	0.04, 0.00, 0.05, 0.38
HSL	113°, 4%, 60%
HSV	113°, 5%, 62%
XYZ	30.0595, 32.7679, 33.1743
YIQ	153.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

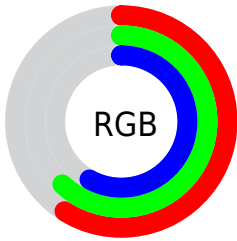
Format	Color
RYB	149, 157, 156
Decimal	9870741
CIELab	63.97, -4.05, 3.30
CIELCh	64, 5.229, 140.799
Yxy	32.7679, 0.3131, 0.3413
Android (android.graphics.Color)	4288060821 (0xFF969D95)
YUV	153.9950, -2.4625, -3.5036
Hunter-Lab	57.2433, -6.4420, 5.7098

Details

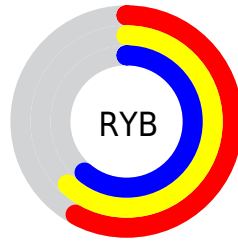
The XYZ color **30.0595, 32.7679, 33.1743** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5447, 30.9980, 36.2733**, and the grayscale version is **30.7247, 32.3248, 35.2017**.

A 20% lighter version of the original color is **59.2248, 64.2361, 65.7772**, and **12.5042, 13.8426, 13.5681** is the 20% darker color. If you saturate the color by 10%, you get **26.5082, 31.0733, 26.9000**, and if you desaturate by 10%, it is **34.0781, 34.6858, 40.3540**.

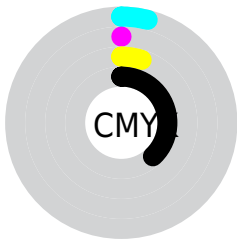
Distribution



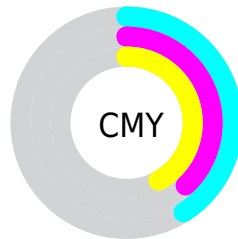
- Red (59%)
- Green (62%)
- Blue (58%)



- Red (58%)
- Yellow (62%)
- Blue (61%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (38%)



- Cyan (41%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0595, 32.7679, 33.1743 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 30.0595, 32.7679, 33.1743 by changing the saturation by 10% instead.

■ 30.0595, 32.7679,
33.1743

■ 30.0595, 32.7679,
33.1743

294.0865,
314.6026, 331.0905

■ 20.0321, 21.9487,
21.9878

■ 59.1422, 64.0130,
65.7667

■ 12.5267, 13.8192,
13.6497

■ 78.9282, 85.2077,
88.0097

■ 7.1782, 7.9950,
7.7415

102.6978,
110.6296, 114.7752

■ 3.6211, 4.0918,
3.8446

130.8163,
140.6633, 146.4819

■ 1.4901, 1.7250,
1.5405

163.6491,
175.6930, 183.5482

■ 0.3191, 0.4398,
0.2478

201.5615,

■ 0.0000, 0.0000,

216.1032, 226.3927

0.0000

244.9188,
262.2783, 275.4340

■ 30.0595, 32.7679,
33.1743

■ 30.0595, 32.7679,
33.1743

■ 26.5082, 31.0733,
26.9000

■ 34.0781, 34.6858,
40.3540

■ 23.4045, 29.5897,
21.4931

■ 38.5773, 36.8302,
48.4707

■ 20.7313, 28.3102,
16.9162

■ 43.5733, 39.2098,
57.5573

■ 18.4697, 27.2258,
13.1280

■ 49.0806, 41.8313,
67.6443

■ 16.5989, 26.3268,
10.0841

■ 55.1133, 44.7015,
78.7610

■ 15.0965, 25.6027,
7.7354

■ 61.6848, 47.8266,
90.9355

■ 13.9378, 25.0420,
6.0270

■ 68.1730, 50.9586,
100.8506

■ 13.0950, 24.6317,
4.8959

■ 71.3476, 52.5952,
100.9992

■ 12.5349, 24.3564,
4.2616

Harmonies

Analogous

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



30.6444, 32.7679, 32.0172



30.0595, 32.7679, 33.1743



29.7667, 32.7679, 35.0336

Triad

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



30.0595, 32.7679, 33.1743



30.9188, 32.7679, 39.8372



32.4887, 32.7679, 34.2567

Complementary

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



30.0595, 32.7679, 33.1743



30.5447, 30.9980, 36.2733

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.



32.5650, 32.7679, 36.3316



30.0595, 32.7679, 33.1743



31.6509, 32.7679, 39.6091

Square

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



30.0595, 32.7679, 33.1743



30.2577, 32.7679, 38.9174



32.2561, 32.7679, 38.3060



32.0493, 32.7679, 32.6248

Rectangle

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



30.0595, 32.7679, 33.1743



29.7734, 32.7679, 36.4446



32.2561, 32.7679, 38.3060



32.5579, 32.7679, 34.9236

Sweetspot

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



30.0604, 32.7693, 33.1750



55.9432, 59.6908, 63.1675



31.2081, 33.0941, 33.1772



12.3290, 13.1437, 13.9336



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.



30.0604, 32.7693, 33.1750



53.1470, 58.3564, 58.1926



30.1144, 32.7697, 34.4160



6.8595, 7.5512, 7.4895



10.0390, 19.7120, 3.2757



0.1990, 0.3625, 0.0595

Inverse Universe

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



30.5447, 30.9980, 36.2733



54.1807, 54.5759, 64.8053



30.4915, 30.9991, 34.9785



7.0011, 7.0334, 8.3953



13.3935, 6.3336, 26.4238



0.2601, 0.1239, 0.4734

Previews

White Background



This preview shows how the XYZ color 30.0595, 32.7679, 33.1743 looks on a white background.

Color Contrast Check

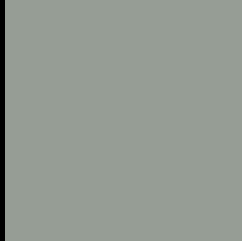
Large Text (above 18pt) WCAG AA × Fail

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 30.0595, 32.7679, 33.1743 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

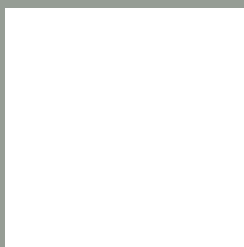
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0595, 32.7679, 33.1743

Background



This preview shows how black text looks on a background with the XYZ color 30.0595, 32.7679, 33.1743.



This preview shows how white text looks on a background with the XYZ color 30.0595, 32.7679,

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

30.0595, 32.7679, 33.1743

Protanopia

31.1201, 32.5887, 32.2538

Deuteranopia

33.2060, 32.6726, 33.4105



Tritanopia

31.6675, 32.6735, 41.1968

Trichromacy



Original Color

30.0595, 32.7679, 33.1743

Protanomaly

30.7769, 32.6487, 32.6967

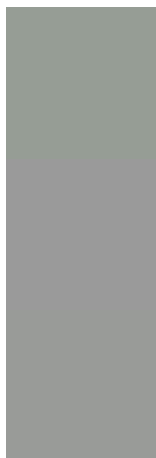
Deuteranomaly

32.0005, 32.7710, 33.4930

Tritanomaly

31.0154, 32.6562, 37.9263

Monochromacy



Original Color

30.0595, 32.7679, 33.1743

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5257, 32.4820, 34.3665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0595, 32.7679, 33.1743 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(150, 157, 149)` looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 30.0595, 32.7679, 33.1743 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(150, 157, 149) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 30.0595, 32.7679, 33.1743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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