

Converting Colors

XYZ(30.9371, 32.8017, 37.4424)

Have a look what the booklet for
XYZ(30.9371, 32.8017, 37.4424)
contains.

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Color

**XYZ(30.9090, 32.8594,
37.5143)**

Conversions

Conversions Part 1

Format	Color
Hex	979C9F
RGB	151, 156, 159
RGB Percent	59%, 61%, 62%
CMY	0.4078, 0.3882, 0.3765
CMYK	0.05, 0.02, 0.00, 0.38
HSL	202°, 4%, 61%
HSV	202°, 5%, 62%
XYZ	30.9090, 32.8594, 37.5143
YIQ	154.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

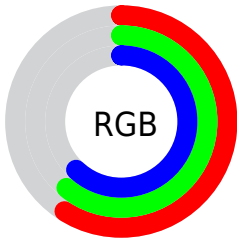
Format	Color
RYB	151, 154, 159
Decimal	9936031
CIELab	64.05, -1.19, -2.20
CIELCh	64, 2.500, 241.496
Yxy	32.8594, 0.3052, 0.3244
Android (android.graphics.Color)	4288126111 (0xFF979C9F)
YUV	154.8470, 2.0474, -3.3738
Hunter-Lab	57.3231, -4.0671, 1.3247

Details

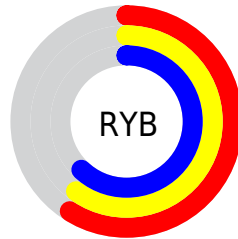
The XYZ color **30.9090, 32.8594, 37.5143** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4398, 32.7164, 33.9367**, and the grayscale version is **31.0813, 32.7000, 35.6103**.

A 20% lighter version of the original color is **60.3610, 63.9274, 72.7762**, and **13.0139, 13.8952, 16.1835** is the 20% darker color. If you saturate the color by 10%, you get **27.1797, 29.4897, 37.0609**, and if you desaturate by 10%, it is **35.0873, 36.5352, 38.0041**.

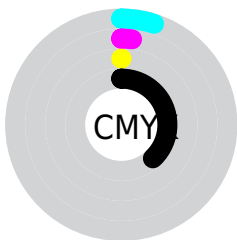
Distribution



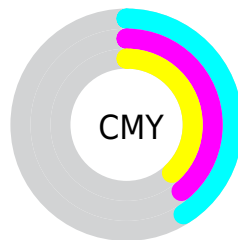
- Red (59%)
- Green (61%)
- Blue (62%)



- Red (59%)
- Yellow (60%)
- Blue (62%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)



- Cyan (41%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9090, 32.8594, 37.5143 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 30.9090, 32.8594, 37.5143 by changing the saturation by 10% instead.

■ 30.9090, 32.8594,
37.5143

■ 30.9090, 32.8594,
37.5143

297.9532,
315.0157, 350.7673

■ 20.6811, 22.0188,
25.3070

■ 60.4736, 64.1560,
72.5582

■ 13.0022, 13.8707,
16.0849

■ 80.5409, 85.3807,
96.2320

■ 7.5071, 8.0308,
9.4292

104.6188,
110.8355, 124.5649

■ 3.8303, 4.1146,
4.9216

133.0725,
140.9049, 157.9757

■ 1.6066, 1.7379,
2.1434

166.2675,
175.9732, 196.8828

■ 0.3967, 0.4480,
0.6414

204.5690,

■ 0.0000, 0.0000,

216.4249, 241.7047

0.0000

248.3425,
262.6442, 292.8601

■ 30.9090, 32.8594,
37.5143

■ 30.9090, 32.8594,
37.5143

■ 27.1797, 29.4897,
37.0609

■ 35.0873, 36.5352,
38.0041

■ 23.8800, 26.4123,
36.6409

■ 39.7273, 40.5219,
38.5290

■ 20.9932, 23.6186,
36.2538

■ 44.8448, 44.8296,
39.0908

■ 18.5006, 21.0977,
35.8986

■ 50.4539, 49.4666,
39.6902

■ 16.3816, 18.8380,
35.5741

■ 56.5683, 54.4407,
40.3280

■ 14.6139, 16.8267,
35.2790

■ 63.2008, 59.7596,
41.0051

■ 13.1724, 15.0499,
35.0120

■ 67.6262, 64.0194,
41.5941

■ 12.0283, 13.4915,
34.7715

■ 69.0124, 66.7918,
42.0561

■ 11.1458, 12.1318,
34.5556

■ 70.4528, 69.6726,
42.5363

Harmonies

Analogous

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



30.6566, 32.8594, 36.8037



30.9090, 32.8594, 37.5143



31.2496, 32.8594, 37.7574

Triad

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



30.9090, 32.8594, 37.5143



31.9155, 32.8594, 35.7276



30.8785, 32.8594, 34.1459

Complementary

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



30.9090, 32.8594, 37.5143



31.4398, 32.7164, 33.9367

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.



31.2142, 32.8594, 33.8696



30.9090, 32.8594, 37.5143



31.8144, 32.8594, 34.7721

Square

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



30.9090, 32.8594, 37.5143



31.8323, 32.8594, 36.7142



31.5570, 32.8594, 34.0967



30.6391, 32.8594, 34.8584

Rectangle

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



30.9090, 32.8594, 37.5143



31.4813, 32.8594, 37.6181



31.5570, 32.8594, 34.0967



30.9838, 32.8594, 33.9995

Sweetspot

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



30.9099, 32.8608, 37.5150



57.5100, 60.7617, 67.4405



30.9884, 33.7070, 35.4162



12.9852, 13.7160, 15.2067



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.



30.9099, 32.8608, 37.5150



54.5945, 58.1701, 67.0940



30.2602, 31.5613, 37.2984



6.8523, 7.3064, 8.4558



8.5393, 9.1701, 27.2272



0.1922, 0.2430, 0.5000

Inverse Universe

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



31.3662, 31.9052, 35.9592



55.5829, 56.1140, 63.7203



32.1000, 34.0368, 34.1567



6.9840, 7.0331, 8.0063



13.1084, 6.5479, 10.0879



0.2543, 0.1251, 0.2855

Previews

White Background



This preview shows how the XYZ color 30.9090, 32.8594, 37.5143 looks on a white background.

Color Contrast Check

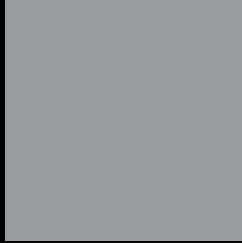
Large Text (above 18pt) WCAG AA × Fail

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 30.9090, 32.8594, 37.5143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

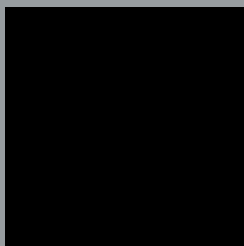
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

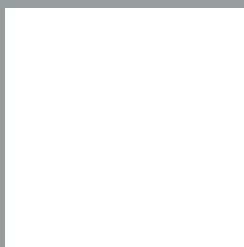
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9090, 32.8594, 37.5143

Background



This preview shows how black text looks on a background with the XYZ color 30.9090, 32.8594, 37.5143.



This preview shows how white text looks on a background with the XYZ color 30.9090, 32.8594,

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

30.9090, 32.8594, 37.5143

Protanopia

31.6318, 32.7479, 37.0016

Deuteranopia

33.4000, 32.6756, 37.8044



Tritanopia

31.6453, 32.9081, 41.2432

Trichromacy



Original Color

30.9090, 32.8594, 37.5143

Protanomaly

31.4105, 32.8799, 37.0387

Deuteranomaly

32.4737, 32.6759, 37.8532

Tritanomaly

31.3711, 32.7984, 39.7993

Monochromacy



Original Color

30.9090, 32.8594, 37.5143

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.0485, 32.7130, 36.1303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9090, 32.8594, 37.5143 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(151, 156, 159)` looks like.

```
.text, #text, p{  
    color:rgb(151, 156, 159)  
}
```

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(151, 156, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 156, 159) }
```

Border

The CSS property to change the border of an element to XYZ 30.9090, 32.8594, 37.5143 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(151, 156, 159) }
```


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

```
.border{ border-color:rgb(151, 156, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 156, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 156, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 156, 159);  
box-shadow:4px 4px 4px 4px rgb(151, 156,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9090, 32.8594, 37.5143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 156, 159) }
```

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

```
.background{ background-color: rgb(151,  
156, 159) }
```

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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