

Converting Colors

XYZ(30.6117, 33.4955, 33.6120)

Have a look what the booklet for
XYZ(30.6117, 33.4955, 33.6120)
contains.

XYZ(30.6657, 33.5776, 33.7190)	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(30.6657, 33.5776,
33.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	979F96
RGB	151, 159, 150
RGB Percent	59%, 62%, 59%
CMY	0.4078, 0.3765, 0.4118
CMYK	0.05, 0.00, 0.06, 0.38
HSL	113°, 4%, 61%
HSV	113°, 6%, 62%
XYZ	30.6657, 33.5776, 33.7190
YIQ	155.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

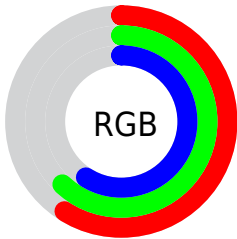
Format	Color
R _Y B	150, 159, 158
Decimal	9936790
CIE Lab	64.63, -4.59, 3.70
CIE LCh	65, 5.897, 141.158
Yxy	33.5776, 0.3130, 0.3428
Android (android.graphics.Color)	4288126870 (0xFF979F96)
YUV	155.5820, -2.7519, -4.0184
Hunter-Lab	57.9462, -6.9418, 6.0614

Details

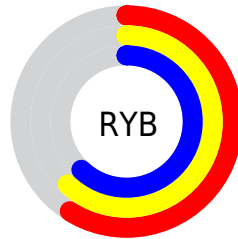
The XYZ color **30.6657, 33.5776, 33.7190** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2661, 31.5858, 37.2514**, and the grayscale version is **31.4271, 33.0637, 36.0064**.

A 20% lighter version of the original color is **60.1225, 65.4319, 66.5876**, and **12.8702, 14.3353, 13.8930** is the 20% darker color. If you saturate the color by 10%, you get **27.0037, 31.8288, 27.3114**, and if you desaturate by 10%, it is **34.8179, 35.5610, 41.0579**.

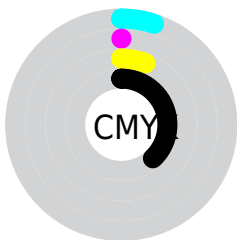
Distribution



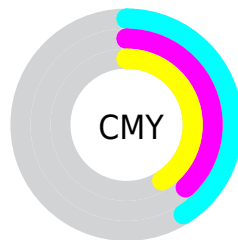
- Red (59%)
- Green (62%)
- Blue (59%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6657, 33.5776, 33.7190 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 30.6657, 33.5776, 33.7190 by changing the saturation by 10% instead.

■ 30.6657, 33.5776,
33.7190

■ 30.6657, 33.5776,
33.7190

296.8497,
318.2445, 333.6081

■ 20.4950, 22.5693,
22.4022

■ 60.0928, 65.2763,
66.6253

■ 12.8657, 14.2758,
13.9516

■ 80.0799, 86.7354,
89.0520

■ 7.4125, 8.3127,
7.9486

104.0698,
112.4469, 116.0189

■ 3.7700, 4.2957,
3.9748

132.4280,
142.7953, 147.9448

■ 1.5729, 1.8403,
1.6115

165.5197,
178.1648, 185.2481

■ 0.3746, 0.5121,
0.2990

203.7103,

■ 0.0000, 0.0000,

218.9399, 228.3474

0.0000

247.3652,
265.5050, 277.6612

■ 30.6657, 33.5776,
33.7190

■ 30.6657, 33.5776,
33.7190

■ 27.0037, 31.8288,
27.3114

■ 34.8179, 35.5610,
41.0579

■ 23.8110, 30.3017,
21.7959

■ 39.4744, 37.7826,
49.3609

■ 21.0695, 28.9887,
17.1334

■ 44.6527, 40.2515,
58.6621

■ 18.7587, 27.8803,
13.2815

■ 50.3680, 42.9751,
68.9929

■ 16.8565, 26.9661,
10.1939

■ 56.6353, 45.9605,
80.3837

■ 15.3389, 26.2347,
7.8196

■ 63.4690, 49.2142,
92.8635

■ 14.1795, 25.6738,
6.1016

■ 69.8509, 52.3301,
101.0269

■ 13.3482, 25.2694,
4.9740

■ 71.6888, 53.2776,
101.1129

■ 12.8084, 25.0044,
4.3493

Harmonies

Analogous

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



31.3317, 33.5776, 32.3903



30.6657, 33.5776, 33.7190



30.3359, 33.5776, 35.8498

Triad

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



30.6657, 33.5776, 33.7190



31.6654, 33.5776, 41.3535



33.4538, 33.5776, 34.9064

Complementary

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



30.6657, 33.5776, 33.7190



31.2661, 31.5858, 37.2514

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.



33.5470, 33.5776, 37.2802



30.6657, 33.5776, 33.7190



32.5045, 33.5776, 41.0736

Square

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



30.6657, 33.5776, 33.7190



30.9063, 33.5776, 40.3055



33.1968, 33.5776, 39.5569



32.9444, 33.5776, 33.0546

Rectangle

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



30.6657, 33.5776, 33.7190



30.3469, 33.5776, 37.4682



33.1968, 33.5776, 39.5569



33.5352, 33.5776, 35.6672

Sweetspot

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



30.6666, 33.5790, 33.7197



57.5097, 61.3714, 64.9524



32.0228, 34.0112, 33.7317



12.9851, 13.8455, 14.6781



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.



30.6666, 33.5790, 33.7197



53.8992, 59.6471, 58.5946



30.7639, 33.5966, 35.1965



6.7734, 7.5099, 7.3484



10.0039, 19.6939, 3.2740



0.1964, 0.3612, 0.0594

Inverse Universe

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



31.2661, 31.5858, 37.2514



55.2386, 55.1936, 66.4855



31.1683, 31.5695, 35.7051



6.9481, 6.9288, 8.3779



13.6855, 6.4841, 26.4375



0.2633, 0.1255, 0.4736

Previews

White Background



This preview shows how the XYZ color 30.6657, 33.5776, 33.7190 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 30.6657, 33.5776, 33.7190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

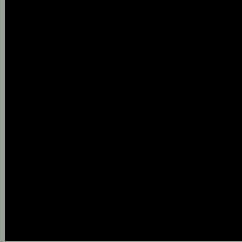
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

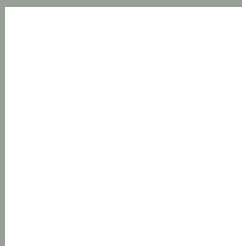
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6657, 33.5776, 33.7190

Background



This preview shows how black text looks on a background with the XYZ color 30.6657, 33.5776, 33.7190.



This preview shows how white text looks on a background with the XYZ color 30.6657, 33.5776,

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

30.6657, 33.5776, 33.7190

Protanopia

31.9317, 33.4921, 32.7986

Deuteranopia

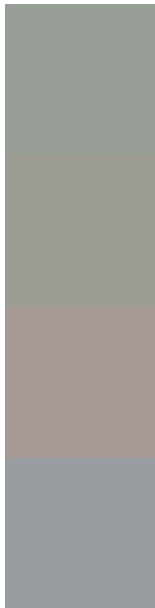
34.1897, 33.3989, 34.3504



Tritanopia

32.3763, 33.5115, 42.2981

Trichromacy



Original Color

30.6657, 33.5776, 33.7190

Protanomaly

31.3864, 33.4520, 33.2364

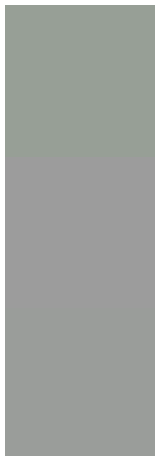
Deuteranomaly

32.8674, 33.4526, 34.0028

Tritanomaly

31.7154, 33.4949, 38.9760

Monochromacy



Original Color

30.6657, 33.5776, 33.7190

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2161, 33.3171, 35.3574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6657, 33.5776, 33.7190 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, 159, 150)` looks like.

```
.text, #text, p{  
    color:rgb(151, 159, 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(151, 159, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 159, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.6657, 33.5776, 33.7190 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, 159, 150) }
```


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

```
.border{ border-color:rgb(151, 159, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 159, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 159, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 159, 150);  
box-shadow:4px 4px 4px 4px rgb(151, 159,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6657, 33.5776, 33.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 159, 150) }
```

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

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