

Converting Colors

XYZ(30.3373, 30.6891, 33.7340)

Have a look what the booklet for
XYZ(30.3373, 30.6891, 33.7340)
contains.

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Color

**XYZ(30.2764, 30.6833,
33.6049)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9497
RGB	158, 148, 151
RGB Percent	62%, 58%, 59%
CMY	0.3804, 0.4196, 0.4078
CMYK	0.00, 0.06, 0.04, 0.38
HSL	342°, 5%, 60%
HSV	342°, 6%, 62%
XYZ	30.2764, 30.6833, 33.6049
YIQ	151.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

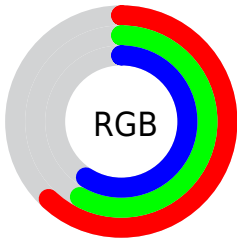
Format	Color
RYB	158, 148, 151
Decimal	10392727
CIELab	62.24, 4.24, -0.26
CIELCh	62, 4.244, 356.443
Yxy	30.6833, 0.3202, 0.3245
Android (android.graphics.Color)	4288582807 (0xFF9E9497)
YUV	151.3320, -0.1637, 5.8478
Hunter-Lab	55.3925, 0.6275, 2.8054

Details

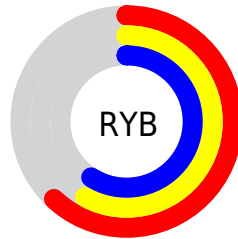
The XYZ color **30.2764, 30.6833, 33.6049** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3572, 33.1170, 35.8043**, and the grayscale version is **29.5576, 31.0969, 33.8645**.

A 20% lighter version of the original color is **59.5805, 60.7950, 66.3520**, and **12.6383, 12.5953, 13.8216** is the 20% darker color. If you saturate the color by 10%, you get **27.1087, 25.7187, 28.3224**, and if you desaturate by 10%, it is **33.8685, 36.3609, 39.4457**.

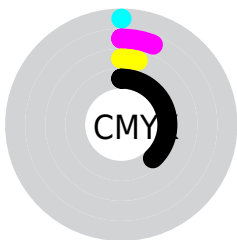
Distribution



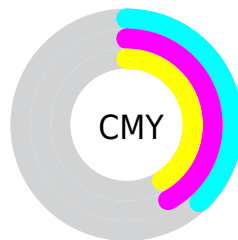
- Red (62%)
- Green (58%)
- Blue (59%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2764, 30.6833, 33.6049 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 30.2764, 30.6833, 33.6049 by changing the saturation by 10% instead.

■ 30.2764, 30.6833,
33.6049

■ 30.2764, 30.6833,
33.6049

295.0775,
305.0766, 333.0819

■ 20.1976, 20.3578,
22.3153

■ 59.4826, 60.7411,
66.4456

■ 12.6479, 12.6554,
13.8883

■ 79.3408, 81.2422,
88.8339

■ 7.2618, 7.1917,
7.9051

103.1894,
105.9040, 115.7588

■ 3.6742, 3.5823,
3.9474

131.3939,
135.1108, 147.6389

■ 1.5195, 1.4427,
1.5965

164.3196,
169.2471, 184.8927

■ 0.3390, 0.2479,
0.2883

202.3319,

■ 0.0000, 0.0000,

208.6972, 227.9388

0.0000

245.7960,
253.8456, 277.1957

■ 30.2764, 30.6833,
33.6049

■ 30.2764, 30.6833,
33.6049

■ 27.1087, 25.7187,
28.3224

■ 33.8685, 36.3609,
39.4457

■ 24.3469, 21.4349,
23.5794

■ 37.8974, 42.7742,
45.8586

■ 21.9749, 17.8033,
19.3591

■ 42.3783, 49.9495,
52.8598

■ 19.9744, 14.7916,
15.6429

■ 47.3248, 57.9109,
60.4639

■ 18.3259, 12.3646,
12.4113

■ 52.7502, 66.6814,
68.6851

■ 17.0079, 10.4839,
9.6430

■ 58.6667, 76.2830,
77.5371

■ 15.9962, 9.1061,
7.3155

■ 63.9259, 84.4153,
86.6462

■ 15.2633, 8.1812,
5.4038

■ 65.5157, 85.0512,
95.0175

■ 14.7709, 7.6380,
3.8780

■ 67.2055, 85.7271,
103.9162

Harmonies

Analogous

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



30.0908, 30.6833, 35.1825



30.2764, 30.6833, 33.6049



30.1606, 30.6833, 32.0242

Triad

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



30.2764, 30.6833, 33.6049



28.6760, 30.6833, 30.6642



28.5591, 30.6833, 36.1063

Complementary

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



30.2764, 30.6833, 33.6049



30.3572, 33.1170, 35.8043

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.



28.1887, 30.6833, 34.8330



30.2764, 30.6833, 33.6049



28.2556, 30.6833, 31.6959

Square

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



30.2764, 30.6833, 33.6049



29.2319, 30.6833, 30.3593



28.0783, 30.6833, 33.2137



29.0953, 30.6833, 36.6562

Rectangle

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



30.2764, 30.6833, 33.6049



29.9289, 30.6833, 31.1753



28.0783, 30.6833, 33.2137



28.4114, 30.6833, 35.7467

Sweetspot

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



30.2773, 30.6846, 33.6056



57.6836, 59.9818, 65.4490



30.2801, 30.6184, 36.6622



13.0221, 13.5503, 14.7837



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.



30.2773, 30.6846, 33.6056



53.8737, 53.9781, 59.1973



30.3532, 31.2212, 32.4451



6.7108, 6.6773, 7.3284



11.7257, 5.9948, 2.8066



0.2271, 0.1141, 0.1418

Inverse Universe

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



30.2773, 30.6846, 33.6056



53.8737, 53.9781, 59.1973



30.2738, 32.5424, 37.0339



6.7108, 6.6773, 7.3284



11.7257, 5.9948, 2.8066



0.2271, 0.1141, 0.1418

Previews

White Background



This preview shows how the XYZ color 30.2764, 30.6833, 33.6049 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 30.2764, 30.6833, 33.6049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

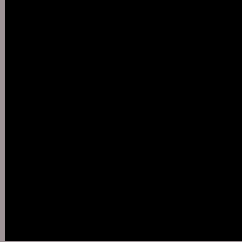
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2764, 30.6833, 33.6049

Background



This preview shows how black text looks on a background with the XYZ color 30.2764, 30.6833, 33.6049.

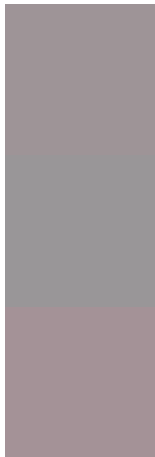


This preview shows how white text looks on a background with the XYZ color 30.2764, 30.6833,

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

30.2764, 30.6833, 33.6049

Protanopia

29.7107, 30.8520, 34.0949

Deuteranopia

31.1746, 30.6846, 33.5578



Tritanopia

30.9033, 30.7070, 36.6460

Trichromacy



Original Color

30.2764, 30.6833, 33.6049

Protanomaly

29.9325, 30.7305, 34.0597

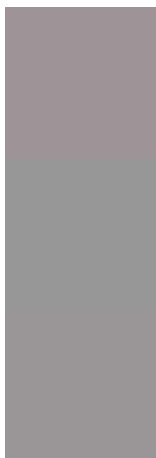
Deuteranomaly

30.9199, 30.7832, 33.5902

Tritanomaly

30.6482, 30.6049, 35.3024

Monochromacy



Original Color

30.2764, 30.6833, 33.6049

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8187, 30.9171, 33.6741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2764, 30.6833, 33.6049 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(158, 148, 151)` looks like.

```
.text, #text, p{  
    color:rgb(158, 148, 151)  
}
```

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(158, 148, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 148, 151) }
```

Border

The CSS property to change the border of an element to XYZ 30.2764, 30.6833, 33.6049 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(158, 148, 151) }
```


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

```
.border{ border-color:rgb(158, 148, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 148, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 148, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 148, 151);  
box-shadow:4px 4px 4px 4px rgb(158, 148,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2764, 30.6833, 33.6049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 148, 151) }
```

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

```
.background{ background-color: rgb(158,  
148, 151) }
```

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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