

Converting Colors

XYZ(29.1519, 37.6748, 33.7099)

Have a look what the booklet for
XYZ(29.1519, 37.6748, 33.7099)
contains.

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Color

**XYZ(29.2358, 37.7934,
33.7709)**

Conversions

Conversions Part 1

Format	Color
Hex	7BB194
RGB	123, 177, 148
RGB Percent	48%, 69%, 58%
CMY	0.5176, 0.3059, 0.4196
CMYK	0.31, 0.00, 0.16, 0.31
HSL	148°, 26%, 59%
HSV	148°, 31%, 69%
XYZ	29.2358, 37.7934, 33.7709
YIQ	157.5480, -22.8750, -20.4670

Conversions

Conversions Part 2

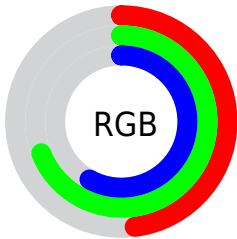
Format	Color
RYB	123, 160, 177
Decimal	8106388
CIELab	67.87, -23.98, 9.22
CIElCh	68, 25.694, 158.973
Yxy	37.7934, 0.2900, 0.3749
Android (android.graphics.Color)	4286296468 (0xFF7BB194)
YUV	157.5480, -4.7072, -30.2986
Hunter-Lab	61.4763, -22.6958, 10.4636

Details

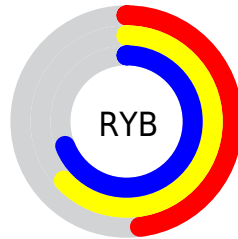
The XYZ color **29.2358, 37.7934, 33.7709** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.8832, 25.7809, 33.0558**, and the grayscale version is **32.3236, 34.0070, 37.0336**.

A 20% lighter version of the original color is **57.9310, 71.8892, 66.6998**, and **12.0378, 16.6561, 13.8897** is the 20% darker color. If you saturate the color by 10%, you get **26.2074, 36.3166, 29.8617**, and if you desaturate by 10%, it is **32.7859, 39.5340, 38.0287**.

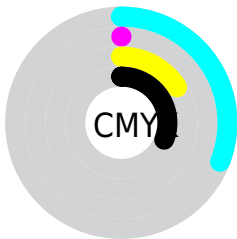
Distribution



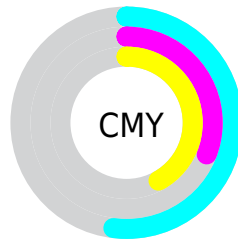
- Red (48%)
- Green (69%)
- Blue (58%)



- Red (48%)
- Yellow (63%)
- Blue (69%)



- Cyan (31%)
- Magenta (0%)
- Yellow (16%)
- Black (31%)



- Cyan (52%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2358, 37.7934, 33.7709 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 29.2358, 37.7934, 33.7709 by changing the saturation by 10% instead.

■ 29.2358, 37.7934,
33.7709

■ 29.2358, 37.7934,
33.7709

290.3001,
336.7329, 333.8472

■ 19.4045, 25.8224,
22.4417

■ 57.8465, 71.7914,
66.7071

■ 12.0686, 16.6908,
13.9804

■ 77.3565, 94.5871,
89.1511

■ 6.8630, 10.0143,
7.9684

■ 100.8235,
121.7599, 116.1372

■ 3.4221, 5.4084,
3.9873

128.6128,
153.6940, 148.0839

■ 1.3807, 2.4888,
1.6184

161.0898,
190.7740, 185.4097

■ 0.2424, 0.8710,
0.3039

198.6197,

■ 0.0000, 0.0000,

233.3842, 228.5332

0.0000

241.5680,
281.9091, 277.8728

■ 29.2358, 37.7934,
33.7709

■ 29.2358, 37.7934,
33.7709

■ 26.2074, 36.3166,
29.8617

■ 32.7859, 39.5340,
38.0287

■ 23.6714, 35.0857,
26.2897

■ 36.8789, 41.5462,
42.6413

■ 21.6003, 34.0877,
23.0464


■ 41.5385, 43.8430,
47.6176


■ 19.9626, 33.3064,
20.1219


■ 46.7861, 46.4353,
52.9657


■ 18.7223, 32.7236,
17.5060


■ 52.6418, 49.3333,
58.6933


 17.8373, 32.3178,
15.1874

 59.1250, 52.5469,
64.8079

 17.2437, 32.0541,
13.2495

 66.2540, 56.0853,
71.3168

 70.4242, 58.0903,
78.0574

 71.7505, 58.6208,
85.0413

Harmonies

Analogous

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



31.3161, 37.7934, 26.3438



29.2358, 37.7934, 33.7709



28.8744, 37.7934, 44.6678

Triad

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



29.2358, 37.7934, 33.7709



37.1295, 37.7934, 66.8441



42.2114, 37.7934, 28.8380

Complementary

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



29.2358, 37.7934, 33.7709



30.8832, 25.7809, 33.0558

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.



44.0309, 37.7934, 37.8230



29.2358, 37.7934, 33.7709



40.9576, 37.7934, 60.6692

Square

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



29.2358, 37.7934, 33.7709



33.2427, 37.7934, 65.2102



43.5558, 37.7934, 49.5339



38.7404, 37.7934, 23.8832

Rectangle

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



29.2358, 37.7934, 33.7709



29.6286, 37.7934, 52.7175



43.5558, 37.7934, 49.5339



43.0477, 37.7934, 31.4129

Sweetspot

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



29.2368, 37.7950, 33.7717



67.1168, 74.9317, 77.5352



32.3789, 39.6193, 24.6800



14.3014, 16.1189, 16.5368



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.2368, 37.7950, 33.7717



48.4027, 65.7542, 55.4309



31.5611, 38.7247, 46.0109



8.5472, 9.5534, 9.8751



12.5231, 23.2352, 9.7576



0.4236, 0.7429, 0.4627

Inverse Universe

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



30.8832, 25.7809, 33.0558



51.8499, 40.5906, 53.9256



28.9621, 25.0124, 22.9392



8.6808, 8.5790, 9.8174



14.6663, 7.3841, 8.6688



0.4906, 0.2440, 0.4259

Previews

White Background



This preview shows how the XYZ color 29.2358, 37.7934, 33.7709 looks on a white background.

Color Contrast Check

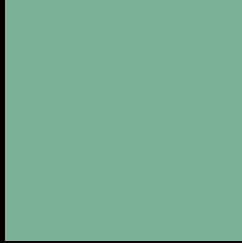
Large Text (above 18pt) WCAG AA × Fail

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 29.2358, 37.7934, 33.7709 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 29.2358, 37.7934, 33.7709

Background



This preview shows how black text looks on a background with the XYZ color 29.2358, 37.7934, 33.7709.



This preview shows how white text looks on a background with the XYZ color 29.2358, 37.7934,

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

29.2358, 37.7934, 33.7709

Protanopia

35.3915, 37.3881, 30.9425

Deuteranopia

38.0732, 37.3776, 34.9137



Tritanopia

32.9755, 37.8755, 52.0271

Trichromacy



Original Color

29.2358, 37.7934, 33.7709

Protanomaly

32.7396, 37.3581, 31.8708

Deuteranomaly

34.1224, 37.1882, 34.6577

Tritanomaly

31.4845, 37.8399, 44.6741

Monochromacy



Original Color

29.2358, 37.7934, 33.7709

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

30.9649, 35.2631, 35.7463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2358, 37.7934, 33.7709 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(123, 177, 148)` looks like.

```
.text, #text, p{  
    color:rgb(123, 177, 148)  
}
```

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(123, 177, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 177, 148) }
```

Border

The CSS property to change the border of an element to XYZ 29.2358, 37.7934, 33.7709 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(123, 177, 148) }
```


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

```
.border{ border-color:rgb(123, 177, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 177, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 177, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 177, 148);  
box-shadow:4px 4px 4px 4px rgb(123, 177,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2358, 37.7934, 33.7709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 177, 148) }
```

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

```
.background{ background-color: rgb(123,  
177, 148) }
```

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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