

Converting Colors

XYZ(30.9691, 37.0909, 40.6490)

Have a look what the booklet for
XYZ(30.9691, 37.0909, 40.6490)
contains.

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Color

**XYZ(30.9691, 37.0909,
40.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	84ACA4
RGB	132, 172, 164
RGB Percent	52%, 67%, 64%
CMY	0.4823, 0.3255, 0.3569
CMYK	0.23, 0.00, 0.05, 0.33
HSL	168°, 19%, 60%
HSV	168°, 23%, 67%
XYZ	30.9691, 37.0909, 40.6490
YIQ	159.1280, -21.2720, -10.9680

Conversions

Conversions Part 2

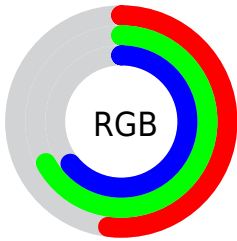
Format	Color
RYB	132, 154, 172
Decimal	8694948
CIELab	67.35, -15.19, -0.31
CIElCh	67, 15.190, 181.176
Yxy	37.0909, 0.2849, 0.3412
Android (android.graphics.Color)	4286885028 (0xFF84ACA4)
YUV	159.1280, 2.4019, -23.7913
Hunter-Lab	60.9023, -15.8109, 3.0587

Details

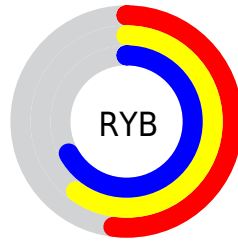
The XYZ color **30.9691, 37.0909, 40.6490** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.9995, 27.1677, 28.4752**, and the grayscale version is **33.0104, 34.7295, 37.8204**.

A 20% lighter version of the original color is **60.5050, 70.4917, 77.4351**, and **13.0344, 16.3521, 17.7985** is the 20% darker color. If you saturate the color by 10%, you get **28.1917, 35.6955, 38.9194**, and if you desaturate by 10%, it is **34.2006, 38.7214, 42.4453**.

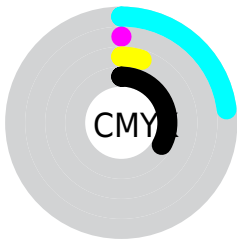
Distribution



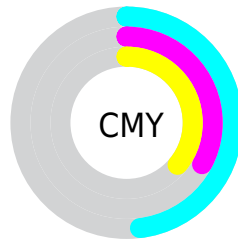
- Red (52%)
- Green (67%)
- Blue (64%)



- Red (52%)
- Yellow (60%)
- Blue (67%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)





- Cyan (48%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9691, 37.0909, 40.6490 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 30.9691, 37.0909, 40.6490 by changing the saturation by 10% instead.


 30.9691, 37.0909,
40.6490

 30.9691, 37.0909,
40.6490

298.2254,
333.7039, 364.4846

 20.7270, 25.2779,
27.7273


 60.5676, 70.7126,
77.3986

 13.0359, 16.2842,
17.8829


 80.6547, 93.2900,
102.0637

 7.5305, 9.7255,
10.6974


 104.7543,
120.2244, 131.4802

 3.8453, 5.2173,
5.7521

133.2315,
151.9001, 166.0668

 1.6150, 2.3753,
2.6286

166.4519,
188.7015, 206.2420

 0.4021, 0.8132,
0.9072

204.7808,

 0.0000, 0.0000,

231.0130, 252.4243

0.0000

248.5835,
279.2190, 305.0323

■ 30.9691, 37.0909,
40.6490

■ 30.9691, 37.0909,
40.6490

■ 28.1917, 35.6955,
38.9194

■ 34.2006, 38.7214,
42.4453

■ 25.8433, 34.5193,
37.2527

■ 37.9031, 40.5927,
44.3071

■ 23.9014, 33.5517,
35.6482

■ 42.0970, 42.7164,
46.2365

■ 22.3401, 32.7794,
34.1043

■ 46.8000, 45.1015,
48.2346

■ 21.1304, 32.1874,
32.6195

■ 52.0293, 47.7570,
50.3025

■ 20.2392, 31.7586,
31.1916

■ 57.8012, 50.6911,
52.4414

■ 19.6266, 31.4726,
29.8186

■ 64.1312, 53.9120,
54.6522

■ 19.3113, 31.3296,
28.9207

■ 65.4554, 54.5512,
56.6750

■ 65.8400, 54.7051,
58.7003

Harmonies

Analogous

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



31.4792, 37.0909, 34.5202



30.9691, 37.0909, 40.6490



31.5644, 37.0909, 47.3850

Triad

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



30.9691, 37.0909, 40.6490



37.6198, 37.0909, 52.3645



37.4541, 37.0909, 30.1722

Complementary

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



30.9691, 37.0909, 40.6490



29.9995, 27.1677, 28.4752

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.



39.2200, 37.0909, 34.1120



30.9691, 37.0909, 40.6490



39.3186, 37.0909, 46.8805

Square

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



30.9691, 37.0909, 40.6490



35.3456, 37.0909, 54.5914



39.9165, 37.0909, 40.1235



35.1621, 37.0909, 28.8866

Rectangle

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



30.9691, 37.0909, 40.6490



32.5238, 37.0909, 51.2078



39.9165, 37.0909, 40.1235



38.1324, 37.0909, 31.2070

Sweetspot

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



30.9702, 37.0924, 40.6498



66.0562, 72.2712, 79.0550



29.8465, 36.8061, 27.3617



14.2721, 15.6640, 17.1388



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.9702, 37.0924, 40.6498



53.4383, 65.9077, 72.0804



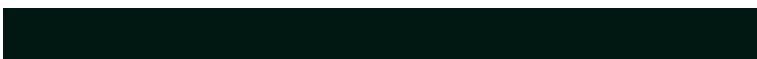
29.6500, 33.2588, 43.8883



8.1666, 9.0442, 9.9024



14.3899, 23.3212, 21.6249



0.4175, 0.6557, 0.6923

Inverse Universe

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



29.9995, 27.1677, 28.4752



51.3623, 44.6614, 46.0280



31.0519, 30.1829, 26.0198



8.0683, 8.0406, 8.6706



12.8962, 6.6210, 1.8331



0.3774, 0.1916, 0.1489

Previews

White Background



This preview shows how the XYZ color 30.9691, 37.0909, 40.6490 looks on a white background.

Color Contrast Check

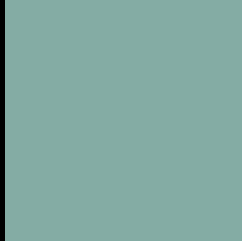
Large Text (above 18pt) WCAG AA × Fail

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 30.9691, 37.0909, 40.6490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

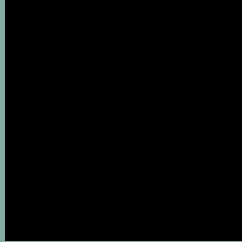
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.9691, 37.0909, 40.6490

Background



This preview shows how black text looks on a background with the XYZ color 30.9691, 37.0909, 40.6490.

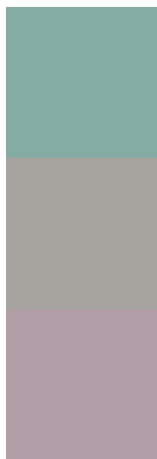


This preview shows how white text looks on a background with the XYZ color 30.9691, 37.0909,

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

30.9691, 37.0909, 40.6490

Protanopia

35.2916, 36.9131, 38.0658

Deuteranopia

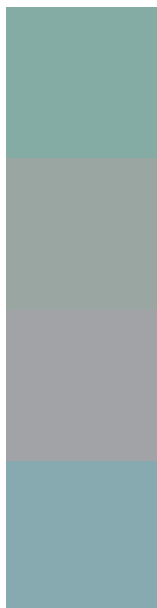
37.5620, 36.7087, 41.6650



Tritanopia

32.8886, 37.0291, 50.2137

Trichromacy



Original Color

30.9691, 37.0909, 40.6490

Protanomaly

33.3957, 36.7157, 39.0449

Deuteranomaly

34.6781, 36.5246, 41.2986

Tritanomaly

32.2029, 37.0349, 46.5255

Monochromacy



Original Color

30.9691, 37.0909, 40.6490

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.1029, 35.5137, 38.8810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9691, 37.0909, 40.6490 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(132, 172, 164)` looks like.

```
.text, #text, p{  
    color:rgb(132, 172, 164)  
}
```

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(132, 172, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 172, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.9691, 37.0909, 40.6490 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(132, 172, 164) }
```


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

```
.border{ border-color:rgb(132, 172, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 172, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 172, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 172, 164);  
box-shadow:4px 4px 4px 4px rgb(132, 172,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9691, 37.0909, 40.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 172, 164) }
```

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

```
.background{ background-color: rgb(132,  
172, 164) }
```

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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