

Converting Colors

XYZ(30.7574, 36.7210, 39.6492)

Have a look what the booklet for
XYZ(30.7574, 36.7210, 39.6492)
contains.

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Color

**XYZ(30.7574, 36.7210,
39.6492)**

Conversions

Conversions Part 1

Format	Color
Hex	85ABA2
RGB	133, 171, 162
RGB Percent	52%, 67%, 64%
CMY	0.4784, 0.3294, 0.3647
CMYK	0.22, 0.00, 0.05, 0.33
HSL	166°, 18%, 60%
HSV	166°, 22%, 67%
XYZ	30.7574, 36.7210, 39.6492
YIQ	158.6120, -19.7590, -10.8550

Conversions

Conversions Part 2

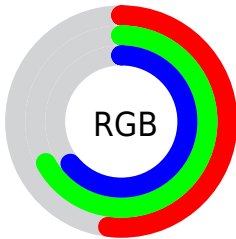
Format	Color
RYB	133, 155, 171
Decimal	8760226
CIELab	67.07, -14.77, 0.40
CIElCh	67, 14.780, 178.451
Yxy	36.7210, 0.2871, 0.3428
Android (android.graphics.Color)	4286950306 (0xFF85ABA2)
YUV	158.6120, 1.6703, -22.4617
Hunter-Lab	60.5979, -15.4457, 3.6250

Details

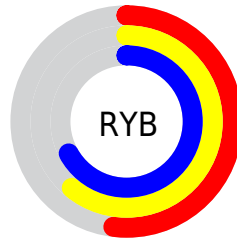
The XYZ color **30.7574, 36.7210, 39.6492** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.0659, 27.3870, 29.2944**, and the grayscale version is **32.7775, 34.4845, 37.5536**.

A 20% lighter version of the original color is **60.2143, 69.9673, 75.9770**, and **12.8910, 16.1133, 17.1826** is the 20% darker color. If you saturate the color by 10%, you get **27.9202, 35.3003, 37.6674**, and if you desaturate by 10%, it is **34.0478, 38.3760, 41.7143**.

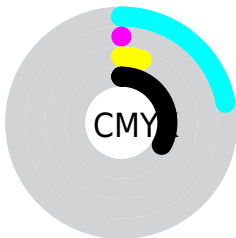
Distribution



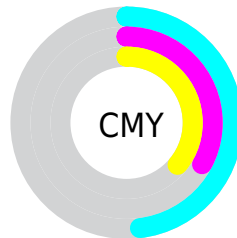
- Red (52%)
- Green (67%)
- Blue (64%)



- Red (52%)
- Yellow (61%)
- Blue (67%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7574, 36.7210, 39.6492 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 30.7574, 36.7210, 39.6492 by changing the saturation by 10% instead.

■ 30.7574, 36.7210,
39.6492

■ 30.7574, 36.7210,
39.6492

297.2660,
332.1010, 360.1508

■ 20.5651, 24.9915,
26.9534

■ 60.2364, 70.1435,
75.8603

■ 12.9171, 16.0708,
17.3061

■ 80.2537, 92.6053,
100.2126

■ 7.4481, 9.5742,
10.2887

■ 104.2769,
119.4133, 129.2876

■ 3.7927, 5.1176,
5.4827

132.6711,
150.9520, 163.5038

■ 1.5855, 2.3164,
2.4695

165.8017,
187.6057, 203.2797

■ 0.3830, 0.7824,
0.8239

204.0342,

■ 0.0000, 0.0000,

229.7589, 249.0337

0.0000

247.7338,
277.7958, 301.1846

■ 30.7574, 36.7210,
39.6492

■ 30.7574, 36.7210,
39.6492

■ 27.9202, 35.3003,
37.6674

■ 34.0478, 38.3760,
41.7143

■ 25.5118, 34.0983,
35.7650

■ 37.8082, 40.2709,
43.8617

■ 23.5101, 33.1047,
33.9410

■ 42.0584, 42.4169,
46.0937

■ 21.8898, 32.3064,
32.1937

■ 46.8160, 44.8232,
48.4117

■ 20.6225, 31.6888,
30.5212

■ 52.0978, 47.4983,
50.8169

■ 19.6762, 31.2354,
28.9215

■ 57.9199, 50.4505,
53.3107

■ 19.0123, 30.9263,
27.3920

■ 64.2975, 53.6877,
55.8943

■ 18.6261, 30.7521,
26.2476

■ 65.5871, 54.3006,
58.3041

■ 66.0497, 54.4856,
60.7399

Harmonies

Analogous

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



31.3469, 36.7210, 33.8495



30.7574, 36.7210, 39.6492



31.2383, 36.7210, 46.1748

Triad

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



30.7574, 36.7210, 39.6492



37.0021, 36.7210, 51.8838



37.2129, 36.7210, 30.3346

Complementary

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



30.7574, 36.7210, 39.6492



30.0659, 27.3870, 29.2944

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.



38.8420, 36.7210, 34.3709



30.7574, 36.7210, 39.6492



38.7167, 36.7210, 46.8158

Square

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



30.7574, 36.7210, 39.6492



34.7855, 36.7210, 53.6773



39.4036, 36.7210, 40.3185



35.0192, 36.7210, 28.8415

Rectangle

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



30.7574, 36.7210, 39.6492



32.1132, 36.7210, 49.9807



39.4036, 36.7210, 40.3185



37.8482, 36.7210, 31.4161

Sweetspot

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



30.7584, 36.7225, 39.6500



64.3014, 70.4016, 76.6470



30.0391, 36.6160, 27.6754



14.2540, 15.6568, 17.0437



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.



30.7584, 36.7225, 39.6500



52.3151, 64.3765, 69.1243



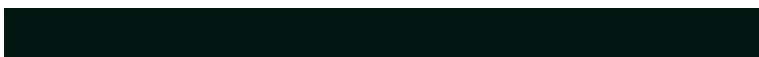
29.8572, 33.5930, 43.4403



8.1540, 9.0391, 9.8358



14.0619, 23.1900, 19.8973



0.4106, 0.6529, 0.6560

Inverse Universe

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



30.0659, 27.3870, 29.2944



50.8402, 44.4693, 47.0509



30.7770, 29.8477, 26.3301



8.0801, 8.0453, 8.7327



12.9736, 6.6520, 2.2406



0.3820, 0.1935, 0.1733

Previews

White Background



This preview shows how the XYZ color 30.7574, 36.7210, 39.6492 looks on a white background.

Color Contrast Check

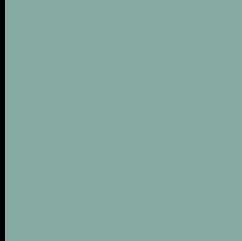
Large Text (above 18pt) WCAG AA × Fail

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 30.7574, 36.7210, 39.6492 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

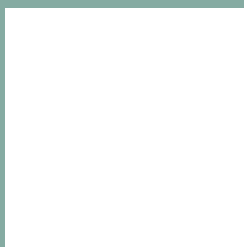
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7574, 36.7210, 39.6492

Background



This preview shows how black text looks on a background with the XYZ color 30.7574, 36.7210, 39.6492.



This preview shows how white text looks on a background with the XYZ color 30.7574, 36.7210,

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

30.7574, 36.7210, 39.6492

Protanopia

34.9425, 36.4905, 37.1000

Deuteranopia

37.1499, 36.5174, 40.6879



Tritanopia

32.7627, 36.7010, 49.6132

Trichromacy



Original Color

30.7574, 36.7210, 39.6492

Protanomaly

33.2307, 36.3820, 38.0719

Deuteranomaly

34.4960, 36.4518, 40.3397

Tritanomaly

32.0792, 36.7053, 45.9515

Monochromacy



Original Color

30.7574, 36.7210, 39.6492

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.0200, 35.2165, 38.3675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7574, 36.7210, 39.6492 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(133, 171, 162)` looks like.

```
.text, #text, p{  
    color:rgb(133, 171, 162)  
}
```

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(133, 171, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 171, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.7574, 36.7210, 39.6492 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(133, 171, 162) }
```


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

```
.border{ border-color:rgb(133, 171, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 171, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 171, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 171, 162);  
box-shadow:4px 4px 4px 4px rgb(133, 171,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7574, 36.7210, 39.6492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 171, 162) }
```

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

```
.background{ background-color: rgb(133,  
171, 162) }
```

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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