

Converting Colors

XYZ(30.1130, 37.6933, 35.1050)

Have a look what the booklet for
XYZ(30.1130, 37.6933, 35.1050)
contains.

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Color

**XYZ(30.1218, 37.6401,
34.9558)**

Conversions

Conversions Part 1

Format	Color
Hex	82AF97
RGB	130, 175, 151
RGB Percent	51%, 69%, 59%
CMY	0.4902, 0.3137, 0.4078
CMYK	0.26, 0.00, 0.14, 0.31
HSL	148°, 22%, 60%
HSV	148°, 26%, 69%
XYZ	30.1218, 37.6401, 34.9558
YIQ	158.8090, -19.1160, -17.0040

Conversions

Conversions Part 2

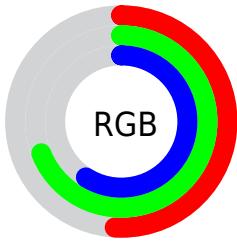
Format	Color
RYB	130, 161, 175
Decimal	8564631
CIELab	67.75, -20.12, 7.46
CIElCh	68, 21.456, 159.659
Yxy	37.6401, 0.2932, 0.3664
Android (android.graphics.Color)	4286754711 (0xFF82AF97)
YUV	158.8090, -3.8498, -25.2655
Hunter-Lab	61.3515, -19.7269, 9.1649

Details

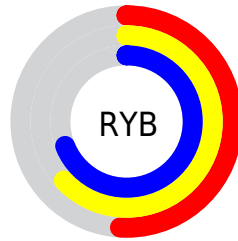
The XYZ color **30.1218, 37.6401, 34.9558** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.4959, 27.4133, 34.2048**, and the grayscale version is **32.8915, 34.6044, 37.6842**.

A 20% lighter version of the original color is **59.3625, 71.7500, 68.4780**, and **12.4842, 16.5014, 14.5837** is the 20% darker color. If you saturate the color by 10%, you get **26.9342, 36.0820, 31.0054**, and if you desaturate by 10%, it is **33.8280, 39.4607, 39.2454**.

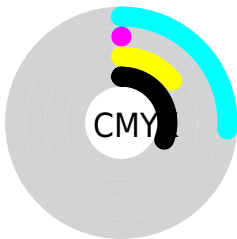
Distribution



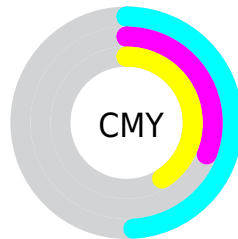
- Red (51%)
- Green (69%)
- Blue (59%)



- Red (51%)
- Yellow (63%)
- Blue (69%)



- Cyan (26%)
- Magenta (0%)
- Yellow (14%)
- Black (31%)





- Cyan (49%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1218, 37.6401, 34.9558 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 30.1218, 37.6401, 34.9558 by changing the saturation by 10% instead.


 30.1218, 37.6401,
34.9558


 30.1218, 37.6401,
34.9558


294.3714,
336.0736, 339.2715


 20.0796, 25.7035,
23.3455


 59.2401, 71.5562,
68.5681

 12.5615, 16.6019,
14.6412


 79.0468, 94.3044,
91.4072

 7.2022, 9.9511,
8.4241


 102.8391,
121.4253, 118.8263

 3.6363, 5.3665,
4.2759

130.9823,
153.3033, 151.2441

 1.4985, 2.4639,
1.7779

163.8418,
190.3227, 189.0789

 0.3248, 0.8585,
0.4133

201.7829,

 0.0000, 0.0000,

232.8679, 232.7494

0.0000

245.1710,
281.3234, 282.6741

■ 30.1218, 37.6401,
34.9558

■ 30.1218, 37.6401,
34.9558

■ 26.9342, 36.0820,
31.0054

■ 33.8280, 39.4607,
39.2454

■ 24.2378, 34.7693,
27.3833

■ 38.0726, 41.5507,
43.8798

■ 22.0069, 33.6900,
24.0816

■ 42.8780, 43.9225,
48.8675

■ 20.2124, 32.8293,
21.0913

■ 48.2644, 46.5865,
54.2160

■ 18.8216, 32.1704,
18.4027

■ 54.2509, 49.5523,
59.9327

■ 17.7970, 31.6942,
16.0055

■ 60.8559, 52.8293,
66.0244

■ 17.0907, 31.3762,
13.8886

■ 68.0969, 56.4264,
72.4981

■ 16.8409, 31.2654,
13.0630

■ 70.2533, 57.3944,
79.0920

■ 71.5671, 57.9199,
86.0103

Harmonies

Analogous

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



31.8571, 37.6401, 28.4669



30.1218, 37.6401, 34.9558



29.8486, 37.6401, 44.1260

Triad

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



30.1218, 37.6401, 34.9558



36.8568, 37.6401, 61.7601



40.9147, 37.6401, 30.3949

Complementary

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



30.1218, 37.6401, 34.9558



31.4959, 27.4133, 34.2048

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.



42.4399, 37.6401, 37.9942



30.1218, 37.6401, 34.9558



40.0033, 37.6401, 56.7179

Square

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



30.1218, 37.6401, 34.9558



33.6040, 37.6401, 60.6104



42.0964, 37.6401, 47.6675



38.0392, 37.6401, 26.1299

Rectangle

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



30.1218, 37.6401, 34.9558



30.5140, 37.6401, 50.7047



42.0964, 37.6401, 47.6675



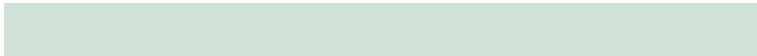
41.6101, 37.6401, 32.5920

Sweetspot

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



30.1228, 37.6417, 34.9566



66.2507, 73.4597, 76.5148



32.8302, 39.2172, 26.9590



14.4678, 16.2005, 16.7282



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.



30.1228, 37.6417, 34.9566



50.5129, 65.7309, 58.4118



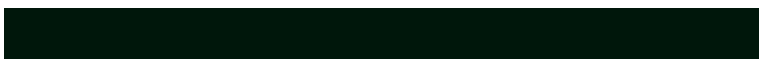
32.0558, 38.4148, 45.1355



8.0542, 8.9992, 9.3103



12.0903, 22.4014, 9.5152



0.3641, 0.6343, 0.4111

Inverse Universe

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



31.4959, 27.4133, 34.2048



53.4025, 44.2005, 56.8264



29.8449, 26.7529, 25.5110



8.1771, 8.0841, 9.2432



14.1176, 7.1096, 8.2650



0.4200, 0.2087, 0.3737

Previews

White Background



This preview shows how the XYZ color 30.1218, 37.6401, 34.9558 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 30.1218, 37.6401, 34.9558 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 30.1218, 37.6401, 34.9558

Background



This preview shows how black text looks on a background with the XYZ color 30.1218, 37.6401, 34.9558.



This preview shows how white text looks on a background with the XYZ color 30.1218, 37.6401,

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

30.1218, 37.6401, 34.9558

Protanopia

35.3996, 37.3659, 32.1346

Deuteranopia

37.9980, 37.3197, 35.7726



Tritanopia

33.1798, 37.4444, 50.8261

Trichromacy



Original Color

30.1218, 37.6401, 34.9558

Protanomaly

33.1737, 37.2799, 33.0511

Deuteranomaly

34.5147, 37.1027, 35.4794

Tritanomaly

32.0304, 37.5519, 44.5898

Monochromacy



Original Color

30.1218, 37.6401, 34.9558

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.6686, 35.6065, 36.6561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1218, 37.6401, 34.9558 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(130, 175, 151)` looks like.

```
.text, #text, p{  
    color:rgb(130, 175, 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(130, 175, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 175, 151) }
```

Border

The CSS property to change the border of an element to XYZ 30.1218, 37.6401, 34.9558 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(130, 175, 151) }
```


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

```
.border{ border-color:rgb(130, 175, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 175, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 175, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 175, 151);  
box-shadow:4px 4px 4px 4px rgb(130, 175,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1218, 37.6401, 34.9558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 175, 151) }
```

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

```
.background{ background-color: rgb(130,  
175, 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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