

Converting Colors

XYZ(30.6534, 34.8921, 33.1362)

Have a look what the booklet for
XYZ(30.6534, 34.8921, 33.1362)
contains.

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Color

**XYZ(30.6534, 34.8921,
33.1362)**

Conversions

Conversions Part 1

Format	Color
Hex	93A494
RGB	147, 164, 148
RGB Percent	58%, 64%, 58%
CMY	0.4235, 0.3568, 0.4196
CMYK	0.10, 0.00, 0.10, 0.36
HSL	124°, 9%, 61%
HSV	124°, 10%, 64%
XYZ	30.6534, 34.8921, 33.1362
YIQ	157.0930, -4.9960, -8.5800

Conversions

Conversions Part 2

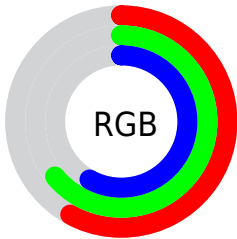
Format	Color
RYB	147, 163, 164
Decimal	9675924
CIELab	65.66, -9.12, 6.27
CIElCh	66, 11.066, 145.465
Yxy	34.8921, 0.3106, 0.3536
Android (android.graphics.Color)	4287866004 (0xFF93A494)
YUV	157.0930, -4.4828, -8.8516
Hunter-Lab	59.0695, -10.7413, 8.0888

Details

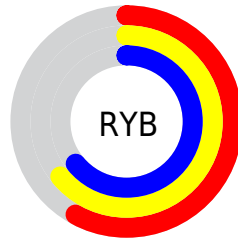
The XYZ color **30.6534, 34.8921, 33.1362** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3557, 31.4052, 39.0086**, and the grayscale version is **32.1116, 33.7839, 36.7907**.

A 20% lighter version of the original color is **60.0796, 67.3448, 65.7094**, and **12.7757, 14.9382, 13.5193** is the 20% darker color. If you saturate the color by 10%, you get **26.7782, 33.0272, 26.9968**, and if you desaturate by 10%, it is **35.1128, 37.0413, 40.1550**.

Distribution



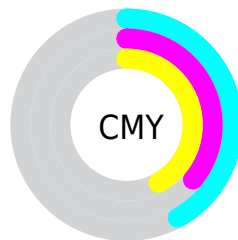
- Red (58%)
- Green (64%)
- Blue (58%)



- Red (58%)
- Yellow (64%)
- Blue (64%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6534, 34.8921, 33.1362 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 30.6534, 34.8921, 33.1362 by changing the saturation by 10% instead.

■ 30.6534, 34.8921,
33.1362

■ 30.6534, 34.8921,
33.1362

296.7938,
324.0918, 330.9138

■ 20.4856, 23.5798,
21.9588

■ 60.0735, 67.3186,
65.7066

■ 12.8588, 15.0222,
13.6286

■ 80.0566, 89.2015,
87.9367

■ 7.4077, 8.8350,
7.7270

104.0421,
115.3768, 114.6881

■ 3.7670, 4.6337,
3.8355

132.3954,
146.2288, 146.3793

■ 1.5712, 2.0340,
1.5356

165.4818,
182.1419, 183.4290

■ 0.3735, 0.6271,
0.2442

203.6668,

■ 0.0000, 0.0000,

223.5005, 226.2556

0.0000

247.3157,
270.6890, 275.2777

■ 30.6534, 34.8921,
33.1362

■ 30.6534, 34.8921,
33.1362

■ 26.7782, 33.0272,
26.9968

■ 35.1128, 37.0413,
40.1550

■ 23.4602, 31.4306,
21.6999

■ 40.1763, 39.4813,
48.0835

■ 20.6747, 30.0911,
17.2095

■ 45.8660, 42.2241,
56.9534

■ 18.3940, 28.9954,
13.4860

■ 52.2026, 45.2795,
66.7942

■ 16.5877, 28.1287,
10.4866

■ 59.2054, 48.6569,
77.6341

■ 15.2224, 27.4749,
8.1641

■ 66.8930, 52.3653,
89.5002

■ 14.2602, 27.0154,
6.4660

■ 72.5661, 55.0323,
101.4054

■ 13.6567, 26.7288,
5.3319

■ 13.3290, 26.5734,
4.7037

Harmonies

Analogous

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



31.8371, 34.8921, 30.4643



30.6534, 34.8921, 33.1362



30.1426, 34.8921, 37.2877

Triad

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



30.6534, 34.8921, 33.1362



32.9172, 34.8921, 47.6393



36.0688, 34.8921, 34.2687

Complementary

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



30.6534, 34.8921, 33.1362



32.3557, 31.4052, 39.0086

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.



36.3807, 34.8921, 38.7042



30.6534, 34.8921, 33.1362



34.5270, 34.8921, 46.6666

Square

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



30.6534, 34.8921, 33.1362



31.4221, 34.8921, 45.8590



35.8078, 34.8921, 43.2995



34.9689, 34.8921, 31.0797

Rectangle

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



30.6534, 34.8921, 33.1362



30.2397, 34.8921, 40.4306



35.8078, 34.8921, 43.2995



36.2707, 34.8921, 35.6526

Sweetspot

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



30.6544, 34.8936, 33.1370



61.4500, 66.1331, 69.2988



33.6784, 36.4617, 32.8670



13.2922, 14.3896, 14.9268



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.6544, 34.8936, 33.1370



54.2538, 62.6670, 57.9562



31.3396, 35.1677, 36.7455



7.0017, 7.9015, 7.6205



10.2258, 20.3767, 3.6396



0.2196, 0.4301, 0.1016

Inverse Universe

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



32.3557, 31.4052, 39.0086



57.8500, 55.2933, 70.3671



31.6318, 31.1156, 35.1962



7.3463, 7.1950, 8.8098



16.2399, 7.8520, 24.2516



0.3463, 0.1670, 0.5361

Previews

White Background



This preview shows how the XYZ color 30.6534, 34.8921, 33.1362 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 30.6534, 34.8921, 33.1362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

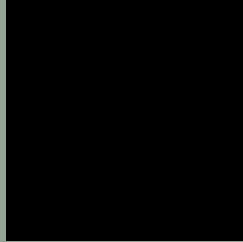
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6534, 34.8921, 33.1362

Background



This preview shows how black text looks on a background with the XYZ color 30.6534, 34.8921, 33.1362.



This preview shows how white text looks on a background with the XYZ color 30.6534, 34.8921,

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

30.6534, 34.8921, 33.1362

Protanopia

33.0260, 34.8399, 31.7722

Deuteranopia

35.4207, 34.7782, 33.7001



Tritanopia

32.8761, 34.7381, 44.5075

Trichromacy



Original Color

30.6534, 34.8921, 33.1362

Protanomaly

32.0337, 34.8342, 32.2294

Deuteranomaly

33.5880, 34.8391, 33.3881

Tritanomaly

32.0234, 34.6541, 40.1231

Monochromacy



Original Color

30.6534, 34.8921, 33.1362

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.5404, 34.2470, 35.5198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6534, 34.8921, 33.1362 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(147, 164, 148)` looks like.

```
.text, #text, p{  
    color:rgb(147, 164, 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(147, 164, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 164, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.6534, 34.8921, 33.1362 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(147, 164, 148) }
```


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

```
.border{ border-color:rgb(147, 164, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 164, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 164, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 164, 148);  
box-shadow:4px 4px 4px 4px rgb(147, 164,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6534, 34.8921, 33.1362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 164, 148) }
```

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

```
.background{ background-color: rgb(147,  
164, 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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