

Converting Colors

XYZ(30.4651, 36.1449, 34.2525)

Have a look what the booklet for
XYZ(30.4651, 36.1449, 34.2525)
contains.

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Color

**XYZ(30.5082, 36.1534,
34.2245)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA996
RGB	140, 169, 150
RGB Percent	55%, 66%, 59%
CMY	0.4510, 0.3372, 0.4118
CMYK	0.17, 0.00, 0.11, 0.34
HSL	141°, 14%, 61%
HSV	141°, 17%, 66%
XYZ	30.5082, 36.1534, 34.2245
YIQ	158.1630, -11.1850, -12.0570

Conversions

Conversions Part 2

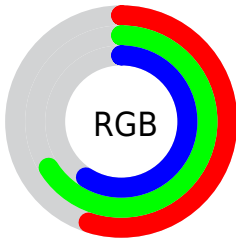
Format	Color
RYB	140, 162, 169
Decimal	9218454
CIELab	66.64, -13.85, 6.49
CIELCh	67, 15.296, 154.882
Yxy	36.1534, 0.3024, 0.3584
Android (android.graphics.Color)	4287408534 (0xFF8CA996)
YUV	158.1630, -4.0244, -15.9290
Hunter-Lab	60.1277, -14.6543, 8.3417

Details

The XYZ color **30.5082, 36.1534, 34.2245** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.9996, 29.6953, 36.8477**, and the grayscale version is **32.5955, 34.2930, 37.3451**.

A 20% lighter version of the original color is **59.8029, 69.1403, 67.3202**, and **12.8299, 15.7971, 14.1773** is the 20% darker color. If you saturate the color by 10%, you get **27.0264, 34.4577, 29.6252**, and if you desaturate by 10%, it is **34.5137, 38.1114, 39.2898**.

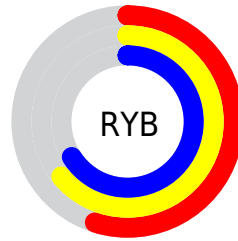
Distribution



Red (55%)

Green (66%)

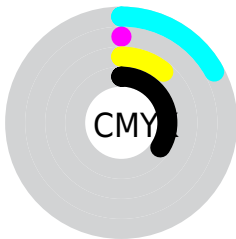
Blue (59%)



Red (55%)

Yellow (64%)

Blue (66%)

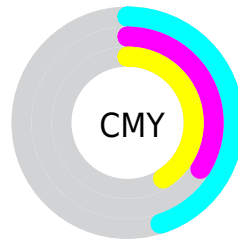


Cyan (17%)

Magenta (0%)

Yellow (11%)

Black (34%)



Cyan (45%)

Magenta (34%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5082, 36.1534, 34.2245 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 30.5082, 36.1534, 34.2245 by changing the saturation by 10% instead.

■ 30.5082, 36.1534,
34.2245

■ 30.5082, 36.1534,
34.2245

296.1337,
329.6305, 335.9316

■ 20.3746, 24.5527,
22.7874

■ 59.8461, 69.2688,
67.4205

■ 12.7775, 15.7441,
14.2328

■ 79.7811, 91.5522,
90.0165

■ 7.3515, 9.3433,
8.1421

■ 103.7140,
118.1654, 117.1691

■ 3.7311, 4.9658,
4.0970

132.0100,
149.4926, 149.2970

■ 1.5512, 2.2272,
1.6787

165.0347,
185.9184, 186.8186

■ 0.3603, 0.7348,
0.3461

203.1533,

■ 0.0000, 0.0000,

227.8270, 230.1526

0.0000

246.7312,
275.6029, 279.7174

■ 30.5082, 36.1534,
34.2245

■ 30.5082, 36.1534,
34.2245

■ 27.0264, 34.4577,
29.6252

■ 34.5137, 38.1114,
39.2898

■ 24.0431, 33.0085,
25.4762

■ 39.0607, 40.3375,
44.8312

■ 21.5354, 31.7953,
21.7646

■ 44.1699, 42.8432,
50.8618

■ 19.4774, 30.8050,
18.4758

■ 49.8601, 45.6379,
57.3931

■ 17.8407, 30.0233,
15.5947

■ 56.1491, 48.7306,
64.4366

■ 16.5934, 29.4341,
13.1048

■ 63.0538, 52.1298,
72.0030

■ 15.6987, 29.0188,
10.9888

■ 69.3647, 55.2117,
80.0458

■ 15.1023, 28.7497,
9.2272

■ 70.9475, 55.8449,
88.3809

■ 14.9593, 28.6856,
8.7879

■ 72.6306, 56.5181,
97.2435

Harmonies

Analogous

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



31.8927, 36.1534, 29.8533



30.5082, 36.1534, 34.2245



30.1378, 36.1534, 40.4537

Triad

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



30.5082, 36.1534, 34.2245



34.7408, 36.1534, 53.3970



38.1238, 36.1534, 32.5503

Complementary

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



30.5082, 36.1534, 34.2245



31.9996, 29.6953, 36.8477

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.



38.9651, 36.1534, 38.2958



30.5082, 36.1534, 34.2245



36.9571, 36.1534, 50.7085

Square

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



30.5082, 36.1534, 34.2245



32.5175, 36.1534, 51.9966



38.5290, 36.1534, 44.9959



36.2764, 36.1534, 28.9650

Rectangle

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



30.5082, 36.1534, 34.2245



30.5011, 36.1534, 44.9440



38.5290, 36.1534, 44.9959



38.5373, 36.1534, 34.2678

Sweetspot

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



30.5092, 36.1549, 34.2253



63.4149, 69.0375, 72.3472



33.2872, 37.6762, 30.3292



13.7072, 14.9912, 15.6274



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.5092, 36.1549, 34.2253



51.8971, 63.4117, 57.7204



31.7203, 36.6394, 40.6028



7.5395, 8.4489, 8.5614



11.1717, 21.3874, 6.6709



0.2958, 0.5300, 0.2887

Inverse Universe

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



31.9996, 29.6953, 36.8477



55.1245, 49.4205, 63.3969



30.8393, 29.2312, 30.7381



7.7304, 7.6220, 8.8973



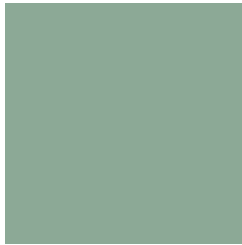
14.3478, 7.1479, 11.9092



0.3717, 0.1830, 0.4090

Previews

White Background



This preview shows how the XYZ color 30.5082, 36.1534, 34.2245 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 30.5082, 36.1534, 34.2245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

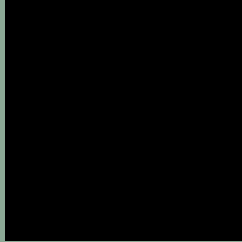
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5082, 36.1534, 34.2245

Background



This preview shows how black text looks on a background with the XYZ color 30.5082, 36.1534, 34.2245.



This preview shows how white text looks on a background with the XYZ color 30.5082, 36.1534,

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

30.5082, 36.1534, 34.2245

Protanopia

34.0816, 35.8899, 32.3253

Deuteranopia

36.6943, 35.9006, 35.1325



Tritanopia

33.1681, 36.1444, 47.3479

Trichromacy



Original Color

30.5082, 36.1534, 34.2245

Protanomaly

32.6425, 35.9266, 32.8178

Deuteranomaly

34.1383, 35.8637, 34.8289

Tritanomaly

32.0318, 35.9392, 42.2945

Monochromacy



Original Color

30.5082, 36.1534, 34.2245

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.5992, 34.7865, 36.0594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5082, 36.1534, 34.2245 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(140, 169, 150)` looks like.

```
.text, #text, p{  
    color:rgb(140, 169, 150)  
}
```

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(140, 169, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 169, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.5082, 36.1534, 34.2245 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(140, 169, 150) }
```


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

```
.border{ border-color:rgb(140, 169, 150) }
```

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

Here you see how a box with a 4 pixel rgb(140, 169, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 169, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 169, 150);  
box-shadow:4px 4px 4px 4px rgb(140, 169,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5082, 36.1534, 34.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 169, 150) }
```

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

```
.background{ background-color: rgb(140,  
169, 150) }
```

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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