

Converting Colors

XYZ(30.7159, 34.2977, 40.7723)

Have a look what the booklet for
XYZ(30.7159, 34.2977, 40.7723)
contains.

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Color

**XYZ(30.6964, 34.2200,
40.5846)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA2A5
RGB	141, 162, 165
RGB Percent	55%, 64%, 65%
CMY	0.4471, 0.3647, 0.3529
CMYK	0.15, 0.02, 0.00, 0.35
HSL	187°, 12%, 60%
HSV	187°, 15%, 65%
XYZ	30.6964, 34.2200, 40.5846
YIQ	156.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

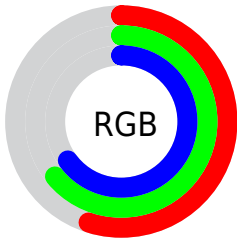
Format	Color
RYB	141, 152, 165
Decimal	9282213
CIELab	65.14, -6.68, -4.04
CIELCh	65, 7.809, 211.180
Yxy	34.2200, 0.2910, 0.3244
Android (android.graphics.Color)	4287472293 (0xFF8DA2A5)
YUV	156.0630, 4.4059, -13.2103
Hunter-Lab	58.4979, -8.7045, -0.1857

Details

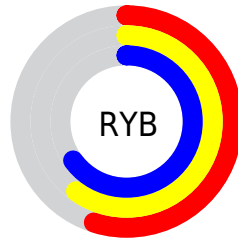
The XYZ color **30.6964, 34.2200, 40.5846** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2983, 29.8690, 29.3684**, and the grayscale version is **31.6141, 33.2605, 36.2207**.

A 20% lighter version of the original color is **60.2368, 66.3951, 77.3509**, and **12.8710, 14.5683, 17.7564** is the 20% darker color. If you saturate the color by 10%, you get **27.7373, 32.1609, 40.3437**, and if you desaturate by 10%, it is **34.0814, 36.5094, 40.8486**.

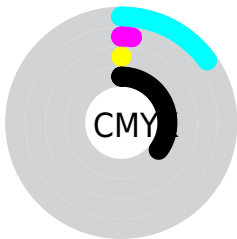
Distribution



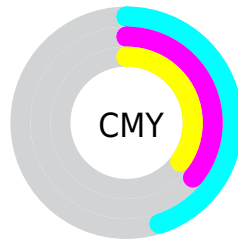
- Red (55%)
- Green (64%)
- Blue (65%)



- Red (55%)
- Yellow (60%)
- Blue (65%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6964, 34.2200, 40.5846 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 30.6964, 34.2200, 40.5846 by changing the saturation by 10% instead.

■ 30.6964, 34.2200,
40.5846

■ 30.6964, 34.2200,
40.5846

296.9891,
321.1119, 364.2065

■ 20.5185, 23.0627,
27.6774

■ 60.1409, 66.2756,
77.2997

■ 12.8829, 14.6398,
17.8457

■ 80.1381, 87.9427,
101.9447

■ 7.4244, 8.5670,
10.6710

■ 104.1392,
113.8819, 131.3393

■ 3.7776, 4.4598,
5.7347

132.5094,
144.4774, 165.9022

■ 1.5771, 1.9340,
2.6183

165.6141,
180.1138, 206.0518

■ 0.3774, 0.5687,
0.9019

203.8188,

■ 0.0000, 0.0000,

221.1754, 252.2067

0.0000

247.4886,
268.0467, 304.7854

■ 30.6964, 34.2200,
40.5846

■ 30.6964, 34.2200,
40.5846

■ 27.7373, 32.1609,
40.3437

■ 34.0814, 36.5094,
40.8486

■ 25.1828, 30.3182,
40.1226

■ 37.9067, 39.0336,
41.1342

■ 23.0140, 28.6831,
39.9213

■ 42.1896, 41.8028,
41.4430

■ 21.2093, 27.2444,
39.7387

■ 46.9456, 44.8247,
41.7756

■ 19.7452, 25.9900,
39.5738

■ 52.1894, 48.1072,
42.1328

■ 18.5951, 24.9061,
39.4252

■ 57.9352, 51.6575,
42.5153

■ 17.7286, 23.9769,
39.2915

■ 63.6415, 55.1964,
42.8976

■ 17.1086, 23.1834,
39.1710

■ 64.0500, 56.0134,
43.0338

■ 16.8242, 22.7819,
39.1085

■ 64.4647, 56.8427,
43.1720

Harmonies

Analogous

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



30.3950, 34.2200, 37.3884



30.6964, 34.2200, 40.5846



31.4860, 34.2200, 42.9985

Triad

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



30.6964, 34.2200, 40.5846



34.4716, 34.2200, 40.3495



32.4802, 34.2200, 31.3629

Complementary

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



30.6964, 34.2200, 40.5846



30.2983, 29.8690, 29.3684

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.



33.5867, 34.2200, 32.0558



30.6964, 34.2200, 40.5846



34.7524, 34.2200, 37.1314

Square

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



30.6964, 34.2200, 40.5846



33.6662, 34.2200, 42.8573



34.4250, 34.2200, 34.1217



31.4101, 34.2200, 32.1721

Rectangle

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



30.6964, 34.2200, 40.5846



32.1921, 34.2200, 43.7723



34.4250, 34.2200, 34.1217



32.8603, 34.2200, 31.4275

Sweetspot

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



30.6974, 34.2214, 40.5854



61.3416, 65.5883, 73.1791



29.4591, 34.5811, 31.4283



13.3083, 14.2707, 15.9906



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.



30.6974, 34.2214, 40.5854



53.4349, 60.2263, 72.5608



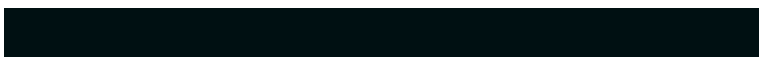
28.7150, 30.2566, 39.9246



7.2003, 7.8596, 9.0406



12.7524, 17.2842, 29.5938



0.2877, 0.4026, 0.6284

Inverse Universe

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



31.5643, 29.6585, 38.2451



55.2573, 50.7177, 67.6225



32.1803, 33.6329, 29.9957



7.3261, 7.1869, 8.7035



15.5823, 7.5890, 20.7887



0.3374, 0.1634, 0.4892

Previews

White Background



This preview shows how the XYZ color 30.6964, 34.2200, 40.5846 looks on a white background.

Color Contrast Check

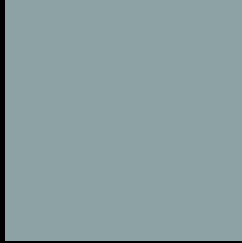
Large Text (above 18pt) WCAG AA × Fail

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 30.6964, 34.2200, 40.5846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

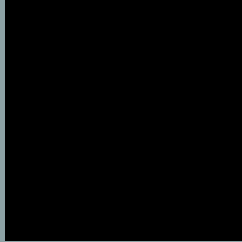
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6964, 34.2200, 40.5846

Background



This preview shows how black text looks on a background with the XYZ color 30.6964, 34.2200, 40.5846.

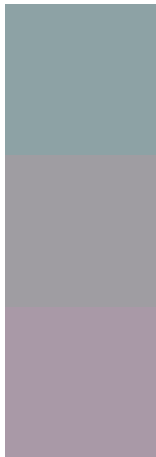


This preview shows how white text looks on a background with the XYZ color 30.6964, 34.2200,

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

30.6964, 34.2200, 40.5846

Protanopia

32.8766, 34.0935, 39.0303

Deuteranopia

34.7285, 34.0075, 41.2929



Tritanopia

31.6154, 34.3465, 44.4984

Trichromacy



Original Color

30.6964, 34.2200, 40.5846

Protanomaly

31.9579, 34.1160, 39.5510

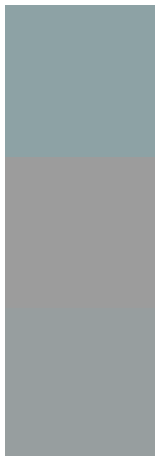
Deuteranomaly

33.0695, 33.9010, 40.8770

Tritanomaly

31.1559, 34.1428, 42.9783

Monochromacy



Original Color

30.6964, 34.2200, 40.5846

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2474, 33.5362, 37.6271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6964, 34.2200, 40.5846 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(141, 162, 165)` looks like.

```
.text, #text, p{  
    color:rgb(141, 162, 165)  
}
```

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(141, 162, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 162, 165) }
```

Border

The CSS property to change the border of an element to XYZ 30.6964, 34.2200, 40.5846 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(141, 162, 165) }
```


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

```
.border{ border-color:rgb(141, 162, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 162, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 162, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 162, 165);  
box-shadow:4px 4px 4px 4px rgb(141, 162,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6964, 34.2200, 40.5846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 162, 165) }
```

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

```
.background{ background-color: rgb(141,  
162, 165) }
```

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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