

Converting Colors

XYZ(30.4291, 34.1714, 40.3499)

Have a look what the booklet for
XYZ(30.4291, 34.1714, 40.3499)
contains.

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Color

**XYZ(30.2686, 34.0100,
40.0912)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA2A4
RGB	139, 162, 164
RGB Percent	55%, 64%, 64%
CMY	0.4549, 0.3647, 0.3569
CMYK	0.15, 0.01, 0.00, 0.36
HSL	185°, 12%, 59%
HSV	185°, 15%, 64%
XYZ	30.2686, 34.0100, 40.0912
YIQ	155.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

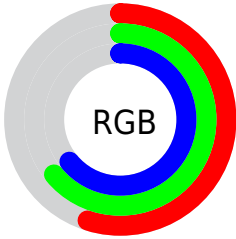
Format	Color
RYB	139, 151, 164
Decimal	9151140
CIELab	64.97, -7.57, -3.74
CIELCh	65, 8.441, 206.331
Yxy	34.0100, 0.2900, 0.3259
Android (android.graphics.Color)	4287341220 (0xFF8BA2A4)
YUV	155.3510, 4.2640, -14.3398
Hunter-Lab	58.3181, -9.4105, 0.0633

Details

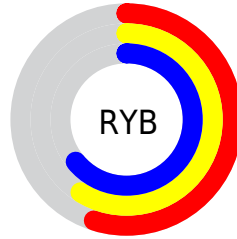
The XYZ color **30.2686, 34.0100, 40.0912** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4950, 28.8061, 28.4321**, and the grayscale version is **31.2982, 32.9282, 35.8588**.

A 20% lighter version of the original color is **59.5914, 66.0776, 76.6313**, and **12.6204, 14.4456, 17.4523** is the 20% darker color. If you saturate the color by 10%, you get **27.5037, 32.2447, 39.8967**, and if you desaturate by 10%, it is **33.4487, 35.9948, 40.3072**.

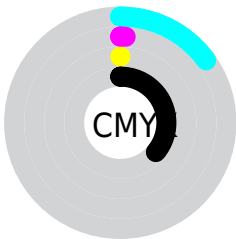
Distribution



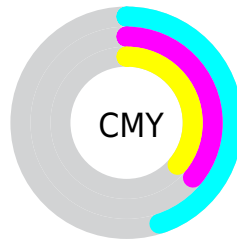
- Red (55%)
- Green (64%)
- Blue (64%)



- Red (55%)
- Yellow (59%)
- Blue (64%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2686, 34.0100, 40.0912 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 30.2686, 34.0100, 40.0912 by changing the saturation by 10% instead.

■ 30.2686, 34.0100,
40.0912

■ 30.2686, 34.0100,
40.0912

295.0419,
320.1766, 362.0713

■ 20.1916, 22.9013,
27.2953

■ 59.4704, 65.9492,
76.5410

■ 12.6435, 14.5206,
17.5608

■ 79.3260, 87.5485,
101.0320

■ 7.2588, 8.4837,
10.4689

■ 103.1718,
113.4134, 130.2584

■ 3.6723, 4.4060,
5.6013

131.3732,
143.9284, 164.6388

■ 1.5184, 1.9031,
2.5394

164.2955,
179.4778, 204.5918

■ 0.3383, 0.5503,
0.8609

202.3042,

■ 0.0000, 0.0000,

220.4461, 250.5359

0.0000

245.7645,
267.2176, 302.8895

■ 30.2686, 34.0100,
40.0912

■ 30.2686, 34.0100,
40.0912

■ 27.5037, 32.2447,
39.8967

■ 33.4487, 35.9948,
40.3072

■ 25.1328, 30.6851,
39.7207

■ 37.0581, 38.2035,
40.5433

■ 23.1373, 29.3226,
39.5628

■ 41.1140, 40.6460,
40.8010

■ 21.4959, 28.1462,
39.4223

■ 45.6317, 43.3302,
41.0810

■ 20.1851, 27.1437,
39.2979

■ 50.6256, 46.2635,
41.3840

■ 19.1786, 26.3017,
39.1884

■ 56.1099, 49.4532,
41.7106

■ 18.4461, 25.6044,
39.0924

■ 62.0977, 52.9062,
42.0615

■ 17.9493, 25.0321,
39.0081

■ 62.7862, 53.6308,
42.1651

■ 17.7511, 24.7808,
38.9701

■ 63.0377, 54.1339,
42.2489

Harmonies

Analogous

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



30.0409, 34.0100, 36.6029



30.2686, 34.0100, 40.0912



31.0425, 34.0100, 42.9076

Triad

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



30.2686, 34.0100, 40.0912



34.3171, 34.0100, 40.8814



32.4758, 34.0100, 30.7240

Complementary

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



30.2686, 34.0100, 40.0912



29.4950, 28.8061, 28.4321

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.



33.6433, 34.0100, 31.7173



30.2686, 34.0100, 40.0912



34.7231, 34.0100, 37.4626

Square

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



30.2686, 34.0100, 40.0912



33.3770, 34.0100, 43.3836



34.4735, 34.0100, 34.1308



31.2963, 34.0100, 31.3311

Rectangle

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



30.2686, 34.0100, 40.0912



31.7744, 34.0100, 43.9491



34.4735, 34.0100, 34.1308



32.8829, 34.0100, 30.8801

Sweetspot

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



30.2696, 34.0114, 40.0920



60.8064, 65.3926, 73.1695



28.7064, 33.9536, 30.1106



13.2042, 14.2410, 15.9904



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.



30.2696, 34.0114, 40.0920



53.3112, 60.7019, 72.6592



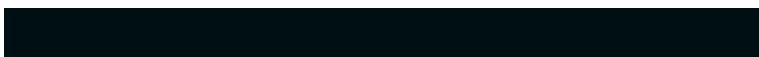
28.2286, 29.9294, 39.4116



7.2275, 7.9140, 9.0497



13.6267, 19.0327, 29.8853



0.2996, 0.4264, 0.6324

Inverse Universe

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



31.0648, 28.9670, 38.1380



55.0185, 49.9466, 68.4475



31.3891, 32.5942, 29.0635



7.3398, 7.1924, 8.7758



16.0236, 7.7655, 23.1126



0.3434, 0.1658, 0.5209

Previews

White Background



This preview shows how the XYZ color 30.2686, 34.0100, 40.0912 looks on a white background.

Color Contrast Check

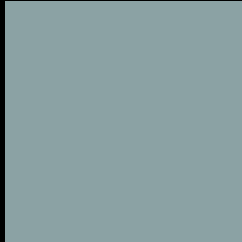
Large Text (above 18pt) WCAG AA × Fail

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 30.2686, 34.0100, 40.0912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

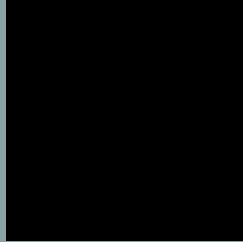
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

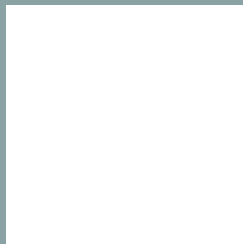
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2686, 34.0100, 40.0912

Background



This preview shows how black text looks on a background with the XYZ color 30.2686, 34.0100, 40.0912.

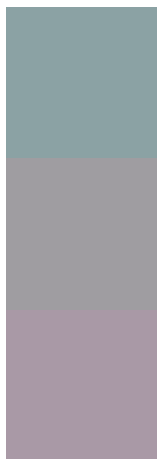


This preview shows how white text looks on a background with the XYZ color 30.2686, 34.0100,

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

30.2686, 34.0100, 40.0912

Protanopia

32.7881, 34.0581, 38.5640

Deuteranopia

34.6364, 33.9707, 40.8079



Tritanopia

31.2722, 34.1696, 44.4823

Trichromacy



Original Color

30.2686, 34.0100, 40.0912

Protanomaly

31.8686, 34.0803, 39.0809

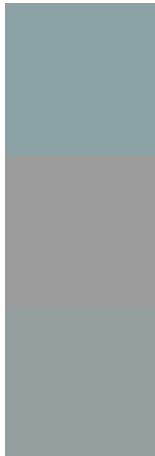
Deuteranomaly

32.7805, 33.7626, 40.3864

Tritanomaly

30.8158, 33.9675, 42.9624

Monochromacy



Original Color

30.2686, 34.0100, 40.0912

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7928, 33.3119, 37.1546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2686, 34.0100, 40.0912 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(139, 162, 164)` looks like.

```
.text, #text, p{  
    color:rgb(139, 162, 164)  
}
```

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(139, 162, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 162, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.2686, 34.0100, 40.0912 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(139, 162, 164) }
```


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

```
.border{ border-color:rgb(139, 162, 164) }
```

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

Here you see how a box with a 4 pixel rgb(139, 162, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 162, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 162, 164);  
box-shadow:4px 4px 4px 4px rgb(139, 162,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2686, 34.0100, 40.0912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 162, 164) }
```

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

```
.background{ background-color: rgb(139,  
162, 164) }
```

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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