

Converting Colors

XYZ(30.1814, 40.8684, 34.2651)

Have a look what the booklet for
XYZ(30.1814, 40.8684, 34.2651)
contains.

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Color

**XYZ(30.2403, 41.0378,
34.3442)**

Conversions

Conversions Part 1

Format	Color
Hex	75BA94
RGB	117, 186, 148
RGB Percent	46%, 73%, 58%
CMY	0.5412, 0.2706, 0.4196
CMYK	0.37, 0.00, 0.20, 0.27
HSL	147°, 33%, 59%
HSV	147°, 37%, 73%
XYZ	30.2403, 41.0378, 34.3442
YIQ	161.0370, -28.9260, -26.4460

Conversions

Conversions Part 2

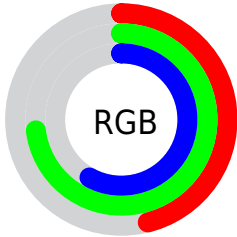
Format	Color
RYB	117, 165, 186
Decimal	7715476
CIELab	70.20, -30.22, 12.48
CIELCh	70, 32.699, 157.559
Yxy	41.0378, 0.2863, 0.3885
Android (android.graphics.Color)	4285905556 (0xFF75BA94)
YUV	161.0370, -6.4272, -38.6204
Hunter-Lab	64.0608, -27.8442, 13.0560

Details

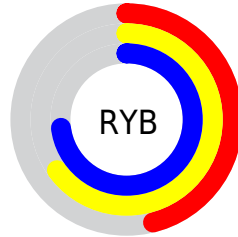
The XYZ color **30.2403, 41.0378, 34.3442** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.5287, 25.5292, 34.2251**, and the grayscale version is **33.9329, 35.7000, 38.8773**.

A 20% lighter version of the original color is **59.2074, 76.4265, 67.5083**, and **12.5889, 18.4894, 14.2146** is the 20% darker color. If you saturate the color by 10%, you get **27.2100, 39.5663, 30.1558**, and if you desaturate by 10%, it is **33.8412, 42.7974, 38.9357**.

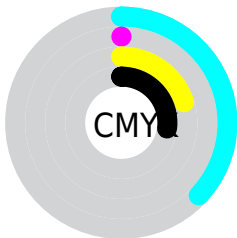
Distribution



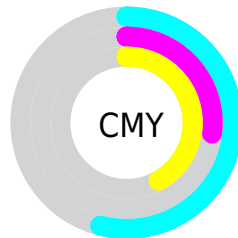
- Red (46%)
- Green (73%)
- Blue (58%)



- Red (46%)
- Yellow (65%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (20%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2403, 41.0378, 34.3442 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 30.2403, 41.0378, 34.3442 by changing the saturation by 10% instead.

■ 30.2403, 41.0378,
34.3442

■ 30.2403, 41.0378,
34.3442

294.9127,
350.4786, 336.4800

■ 20.1700, 28.3486,
22.8787

■ 59.4260, 76.7413,
67.6086

■ 12.6277, 18.5886,
14.2995

■ 79.2722, 100.5244,
90.2445

■ 7.2479, 11.3734,
8.1881

■ 103.1077,
128.7742, 117.4409

■ 3.6653, 6.3186,
4.1261

131.2979,
161.8752, 149.6164

■ 1.5146, 3.0398,
1.6948

164.2081,
200.2117, 187.1895

■ 0.3357, 1.1525,
0.3571

202.2038,

■ 0.0000, 0.0224,

244.1682, 230.5788

0.0000

245.6502,
294.1290, 280.2028

■ 0.0000, 0.0000,
0.0000

■ 30.2403, 41.0378,
34.3442

■ 30.2403, 41.0378,
34.3442

■ 27.2100, 39.5663,
30.1558

■ 33.8412, 42.7974,
38.9357

■ 24.7155, 38.3619,
26.3566

■ 38.0382, 44.8546,
43.9383

■ 22.7233, 37.4085,
22.9358


■ 42.8594, 47.2250,
49.3630


■ 21.1944, 36.6864,
19.8811


■ 48.3299, 49.9211,
55.2197


■ 20.0838, 36.1725,
17.1795


■ 54.4735, 52.9552,
61.5179

 19.3287, 35.8347,
14.8162

 61.3128, 56.3387,
68.2669

 19.1429, 35.7526,
14.1903

 68.8692, 60.0825,
75.4756

 73.0760, 62.0898,
82.9614

 74.5571, 62.6823,
90.7609

Harmonies

Analogous

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



33.0585, 41.0378, 25.1444



30.2403, 41.0378, 34.3442



29.6615, 41.0378, 48.6764

Triad

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



30.2403, 41.0378, 34.3442



40.3757, 41.0378, 80.7593



47.7513, 41.0378, 29.0084

Complementary

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



30.2403, 41.0378, 34.3442



32.5287, 25.5292, 34.2251

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.



50.1301, 41.0378, 40.9145



30.2403, 41.0378, 34.3442



45.6254, 41.0378, 72.3771

Square

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



30.2403, 41.0378, 34.3442



35.2048, 41.0378, 77.8613



49.3185, 41.0378, 56.9132



43.0697, 41.0378, 22.5915

Rectangle

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



30.2403, 41.0378, 34.3442



30.5695, 41.0378, 59.7645



49.3185, 41.0378, 56.9132



48.8654, 41.0378, 32.3798

Sweetspot

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



30.2414, 41.0395, 34.3451



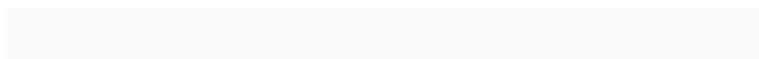
73.9727, 83.7695, 85.3596



34.5008, 43.4819, 23.4046



16.0274, 18.3183, 18.5024



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.2414, 41.0395, 34.3451



50.0025, 72.0453, 55.6420



33.2779, 42.2541, 50.3353



9.0535, 10.1254, 10.4394



12.9149, 24.0669, 9.7396



0.4865, 0.8609, 0.5080

Inverse Universe

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



32.5287, 25.5292, 34.2251



54.7803, 39.6242, 55.3740



30.1003, 24.5578, 21.4369



9.2060, 9.0928, 10.4321



15.2897, 7.6896, 9.4124



0.5697, 0.2834, 0.4935

Previews

White Background



This preview shows how the XYZ color 30.2403, 41.0378, 34.3442 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 30.2403, 41.0378, 34.3442 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 30.2403, 41.0378, 34.3442

Background



This preview shows how black text looks on a background with the XYZ color 30.2403, 41.0378, 34.3442.



This preview shows how white text looks on a background with the XYZ color 30.2403, 41.0378,

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

30.2403, 41.0378, 34.3442

Protanopia

38.1644, 40.4667, 30.6103

Deuteranopia

41.4530, 40.6795, 35.8041



Tritanopia

34.8113, 41.0496, 57.1276

Trichromacy



Original Color

30.2403, 41.0378, 34.3442

Protanomaly

34.5838, 40.3029, 31.9431

Deuteranomaly

36.2554, 40.2285, 35.1322

Tritanomaly

32.8321, 40.8412, 47.7477

Monochromacy



Original Color

30.2403, 41.0378, 34.3442

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.0525, 37.1695, 36.9376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2403, 41.0378, 34.3442 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(117, 186, 148)` looks like.

```
.text, #text, p{  
    color:rgb(117, 186, 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(117, 186, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 186, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.2403, 41.0378, 34.3442 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(117, 186, 148) }
```


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

```
.border{ border-color:rgb(117, 186, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 186, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 186, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 186, 148);  
box-shadow:4px 4px 4px 4px rgb(117, 186,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2403, 41.0378, 34.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 186, 148) }
```

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

```
.background{ background-color: rgb(117,  
186, 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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