

Converting Colors

XYZ(30.8245, 40.2275, 37.7412)

Have a look what the booklet for
XYZ(30.8245, 40.2275, 37.7412)
contains.

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Color

**XYZ(30.8194, 40.3322,
37.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	79B79C
RGB	121, 183, 156
RGB Percent	47%, 72%, 61%
CMY	0.5255, 0.2823, 0.3882
CMYK	0.34, 0.00, 0.15, 0.28
HSL	154°, 30%, 60%
HSV	154°, 34%, 72%
XYZ	30.8194, 40.3322, 37.6130
YIQ	161.3840, -28.2850, -21.5410

Conversions

Conversions Part 2

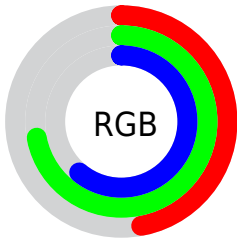
Format	Color
R_{YB}	121, 161, 183
Decimal	7976860
CIE _{Lab}	69.71, -25.92, 7.44
CIE _{LCh}	70, 26.962, 163.990
Yxy	40.3322, 0.2834, 0.3708
Android (android.graphics.Color)	4286166940 (0xFF79B79C)
YUV	161.3840, -2.6543, -35.4168
Hunter-Lab	63.5076, -24.5147, 9.3403

Details

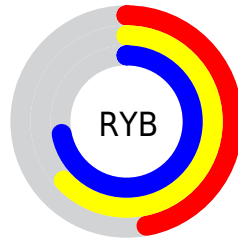
The XYZ color **30.8194, 40.3322, 37.6130** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.7125, 25.8812, 31.3428**, and the grayscale version is **34.0772, 35.8519, 39.0427**.

A 20% lighter version of the original color is **60.1786, 75.5001, 72.3740**, and **12.9867, 18.2504, 16.2028** is the 20% darker color. If you saturate the color by 10%, you get **27.8413, 38.8735, 34.0660**, and if you desaturate by 10%, it is **34.3305, 42.0627, 41.4179**.

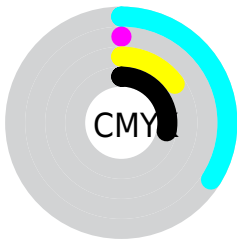
Distribution



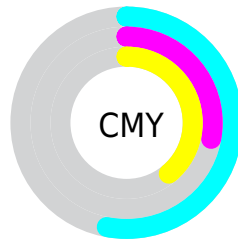
- Red (47%)
- Green (72%)
- Blue (61%)



- Red (47%)
- Yellow (63%)
- Blue (72%)



- Cyan (34%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)





- Cyan (53%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8194, 40.3322, 37.6130 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 30.8194, 40.3322, 37.6130 by changing the saturation by 10% instead.


 30.8194, 40.3322,
37.6130


 30.8194, 40.3322,
37.6130


297.5472,
347.5218, 351.2052


 20.6125, 27.7977,
25.3830


 60.3334, 75.6691,
72.7114

 12.9519, 18.1732,
16.1410


 80.3712, 99.2403,
96.4169

 7.4722, 11.0744,
9.4685

 104.4168,
127.2591, 124.7845

 3.8081, 6.1169,
4.9471

132.8353,
160.1099, 158.2330

 1.5941, 2.9163,
2.1580

165.9923,
198.1772, 197.1807

 0.3886, 1.0882,
0.6500

204.2530,

 0.0000, 0.0000,

241.8454, 242.0463

0.0000

247.9829,
291.4988, 293.2483

■ 30.8194, 40.3322,
37.6130

■ 30.8194, 40.3322,
37.6130

■ 27.8413, 38.8735,
34.0660

■ 34.3305, 42.0627,
41.4179

■ 25.3646, 37.6671,
30.7684

■ 38.3975, 44.0736,
45.4834

■ 23.3589, 36.6986,
27.7151

■ 43.0460, 46.3789,
49.8159

■ 21.7895, 35.9503,
24.8998

■ 48.2989, 48.9904,
54.4203

■ 20.6164, 35.4015,
22.3159

■ 54.1779, 51.9192,
59.3016

■ 19.7913, 35.0275,
19.9560

■ 60.7036, 55.1758,
64.4648

■ 19.3977, 34.8538,
18.6173

■ 67.8957, 58.7703,
69.9145

■ 71.0608, 60.2831,
75.4347

■ 72.1404, 60.7149,
81.1199

Harmonies

Analogous

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



32.7955, 40.3322, 28.7913



30.8194, 40.3322, 37.6130



30.7532, 40.3322, 49.9862

Triad

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



30.8194, 40.3322, 37.6130



40.3997, 40.3322, 71.6136



44.6960, 40.3322, 29.2460

Complementary

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



30.8194, 40.3322, 37.6130



31.7125, 25.8812, 31.3428

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.



47.0695, 40.3322, 38.3563



30.8194, 40.3322, 37.6130



44.4645, 40.3322, 63.5792

Square

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



30.8194, 40.3322, 37.6130



36.0658, 40.3322, 71.3101



46.9817, 40.3322, 50.8841



40.6964, 40.3322, 24.6245

Rectangle

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



30.8194, 40.3322, 37.6130



31.7879, 40.3322, 58.7708



46.9817, 40.3322, 50.8841



45.7235, 40.3322, 31.8006

Sweetspot

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



30.8205, 40.3339, 37.6139



71.7351, 80.4028, 84.2827



32.7622, 41.6293, 24.3983



15.5930, 17.6341, 18.3784



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.8205, 40.3339, 37.6139



50.9574, 70.1550, 62.3698



32.7348, 40.0877, 50.8140



9.0969, 10.1428, 10.6679



13.5666, 24.3276, 13.1713



0.5087, 0.8698, 0.6248

Inverse Universe

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



31.7125, 25.8812, 31.3428



52.8121, 40.1510, 49.3653



30.2010, 25.8891, 21.4951



9.1627, 9.0754, 10.2040



14.6589, 7.4373, 6.0908



0.5479, 0.2747, 0.3789

Previews

White Background



This preview shows how the XYZ color 30.8194, 40.3322, 37.6130 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 30.8194, 40.3322, 37.6130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

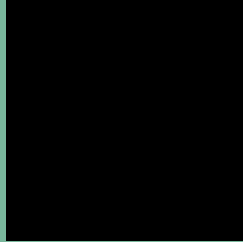
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8194, 40.3322, 37.6130

Background



This preview shows how black text looks on a background with the XYZ color 30.8194, 40.3322, 37.6130.



This preview shows how white text looks on a background with the XYZ color 30.8194, 40.3322,

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

30.8194, 40.3322, 37.6130

Protanopia

37.7442, 39.8930, 34.1445

Deuteranopia

40.6069, 39.9078, 38.8205



Tritanopia

34.4881, 40.3137, 55.8328

Trichromacy



Original Color

30.8194, 40.3322, 37.6130

Protanomaly

34.7082, 39.7072, 35.5407

Deuteranomaly

36.1308, 39.5215, 38.5250

Tritanomaly

33.0621, 40.3328, 48.6903

Monochromacy



Original Color

30.8194, 40.3322, 37.6130

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.3000, 36.9901, 38.2383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8194, 40.3322, 37.6130 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(121, 183, 156)` looks like.

```
.text, #text, p{  
    color:rgb(121, 183, 156)  
}
```

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(121, 183, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 183, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.8194, 40.3322, 37.6130 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(121, 183, 156) }
```


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

```
.border{ border-color:rgb(121, 183, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 183, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 183, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 183, 156); box-shadow:4px 4px 4px 4px rgb(121, 183, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8194, 40.3322, 37.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 183, 156) }
```

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

```
.background{ background-color: rgb(121,  
183, 156) }
```

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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