

Converting Colors

XYZ(32.0411, 39.5195, 48.0588)

Have a look what the booklet for
XYZ(32.0411, 39.5195, 48.0588)
contains.

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Color

**XYZ(32.0411, 39.5195,
48.0588)**

Conversions

Conversions Part 1

Format	Color
Hex	79B3B2
RGB	121, 179, 178
RGB Percent	47%, 70%, 70%
CMY	0.5255, 0.2980, 0.3020
CMYK	0.32, 0.00, 0.01, 0.30
HSL	179°, 28%, 59%
HSV	179°, 32%, 70%
XYZ	32.0411, 39.5195, 48.0588
YIQ	161.5440, -34.2470, -12.6070

Conversions

Conversions Part 2

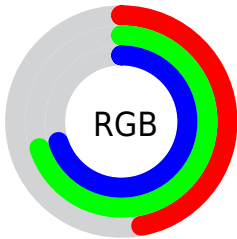
Format	Color
RYB	121, 150, 179
Decimal	7975858
CIELab	69.13, -18.94, -5.51
CIELCh	69, 19.723, 196.217
Yxy	39.5195, 0.2679, 0.3304
Android (android.graphics.Color)	4286165938 (0xFF79B3B2)
YUV	161.5440, 8.1128, -35.5571
Hunter-Lab	62.8645, -19.0342, -1.3210

Details

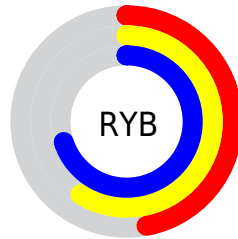
The XYZ color **32.0411, 39.5195, 48.0588** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.9419, 24.6646, 21.6491**, and the grayscale version is **34.1052, 35.8813, 39.0748**.

A 20% lighter version of the original color is **62.2388, 74.4711, 88.9359**, and **13.6168, 17.6676, 22.0945** is the 20% darker color. If you saturate the color by 10%, you get **29.7310, 38.3332, 47.7896**, and if you desaturate by 10%, it is **34.8191, 40.9490, 48.3520**.

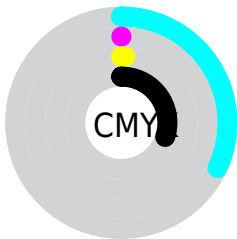
Distribution



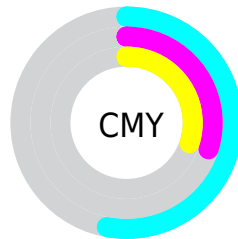
- Red (47%)
- Green (70%)
- Blue (70%)



- Red (47%)
- Yellow (59%)
- Blue (70%)



- Cyan (32%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (53%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0411, 39.5195, 48.0588 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 32.0411, 39.5195, 48.0588 by changing the saturation by 10% instead.

■ 32.0411, 39.5195,
48.0588

■ 32.0411, 39.5195,
48.0588

303.0484,
344.0942, 395.5406

■ 21.5486, 27.1641,
33.5131

■ 62.2403, 74.4313,
88.6584

■ 13.6403, 17.6965,
22.2455

■ 82.6777, 97.7564,
115.5494

■ 7.9510, 10.7323,
13.8374

■ 107.1607,
125.5070, 147.3926

■ 4.1151, 5.8871,
7.8702

136.0548,
158.0673, 184.6066

■ 1.7675, 2.7766,
3.9254

169.7252,
195.8218, 227.6098

■ 0.4980, 1.0162,
1.5845

208.5374,

■ 0.0000, 0.0000,

239.1548, 276.8209

0.2797

252.8567,
288.4508, 332.6583

■ 0.0000, 0.0000,
0.0000

■ 32.0411, 39.5195,
48.0588

■ 32.0411, 39.5195,
48.0588

■ 29.7310, 38.3332,
47.7896

■ 34.8191, 40.9490,
48.3520

■ 27.8594, 37.3719,
47.5405

■ 38.0852, 42.6292,
48.6675

■ 26.3994, 36.6228,
47.3109

■ 41.8629, 44.5730,
49.0073

■ 25.3192, 36.0695,
47.0995

■ 46.1730, 46.7913,
49.3724

■ 24.5826, 35.6933,
46.9046

■ 51.0350, 49.2942,
49.7637

■ 24.1467, 35.4721,
46.7241

■ 56.4677, 52.0912,
50.1821

■ 23.9484, 35.3726,
46.5934

■ 62.4889, 55.1916,
50.6283

■ 65.6475, 56.8163,
50.9410

■ 65.6792, 56.8289,
51.1077

Harmonies

Analogous

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



31.9812, 39.5195, 39.0282



32.0411, 39.5195, 48.0588



33.5250, 39.5195, 56.8083

Triad

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



32.0411, 39.5195, 48.0588



42.1070, 39.5195, 56.1833



39.0237, 39.5195, 28.2857

Complementary

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



32.0411, 39.5195, 48.0588



28.9419, 24.6646, 21.6491

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.



41.9109, 39.5195, 31.6818



32.0411, 39.5195, 48.0588



43.7572, 39.5195, 47.2964

Square

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



32.0411, 39.5195, 48.0588



39.2792, 39.5195, 61.9283



43.6835, 39.5195, 38.3649



35.8957, 39.5195, 28.4302

Rectangle

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



32.0411, 39.5195, 48.0588



35.1721, 39.5195, 60.9358



43.6835, 39.5195, 38.3649



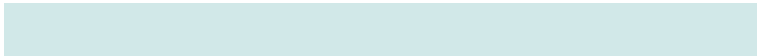
40.0580, 39.5195, 29.0281

Sweetspot

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



32.0423, 39.5211, 48.0597



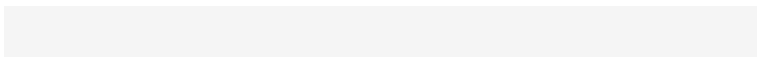
69.6370, 77.0804, 87.2906



27.7313, 37.8283, 23.9298



15.2298, 16.9751, 19.3210



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.0423, 39.5211, 48.0597



54.3004, 69.1930, 85.7152



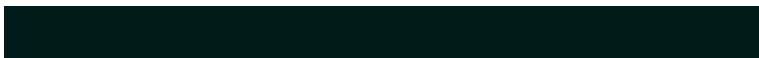
27.2404, 29.7557, 46.9573



8.7362, 9.6290, 10.8704



16.9250, 24.9960, 32.9376



0.5345, 0.7873, 1.0469

Inverse Universe

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



28.9419, 24.6646, 21.6491



47.8678, 38.3633, 30.9139



32.6433, 32.1662, 22.5781



8.5021, 8.5076, 8.8766



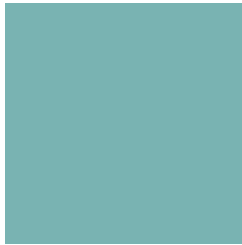
13.1514, 6.7781, 0.6911



0.4158, 0.2141, 0.0321

Previews

White Background



This preview shows how the XYZ color 32.0411, 39.5195, 48.0588 looks on a white background.

Color Contrast Check

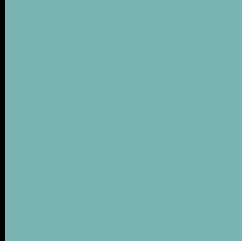
Large Text (above 18pt) WCAG AA × Fail

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 32.0411, 39.5195, 48.0588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

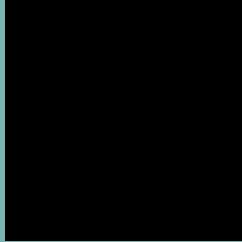
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0411, 39.5195, 48.0588

Background



This preview shows how black text looks on a background with the XYZ color 32.0411, 39.5195, 48.0588.

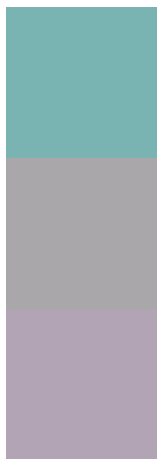


This preview shows how white text looks on a background with the XYZ color 32.0411, 39.5195,

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

32.0411, 39.5195, 48.0588

Protanopia

37.7470, 39.1238, 44.0902

Deuteranopia

39.7978, 38.9956, 49.1454



Tritanopia

33.4383, 39.4910, 55.1503

Trichromacy



Original Color

32.0411, 39.5195, 48.0588

Protanomaly

35.1518, 38.8572, 45.6919

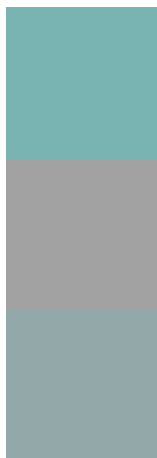
Deuteranomaly

36.3308, 38.8393, 48.7619

Tritanomaly

32.9517, 39.5969, 52.3606

Monochromacy



Original Color

32.0411, 39.5195, 48.0588

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.1031, 37.0355, 42.4496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0411, 39.5195, 48.0588 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, 179, 178)` looks like.

```
.text, #text, p{  
    color:rgb(121, 179, 178)  
}
```

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, 179, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 179, 178) }
```

Border

The CSS property to change the border of an element to XYZ 32.0411, 39.5195, 48.0588 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, 179, 178) }
```


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

```
.border{ border-color:rgb(121, 179, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 179, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 179, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 179, 178);  
box-shadow:4px 4px 4px 4px rgb(121, 179,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0411, 39.5195, 48.0588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 179, 178) }
```

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

```
.background{ background-color: rgb(121,  
179, 178) }
```

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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