

Converting Colors

XYZ(32.6811, 44.3619, 39.0389)

Have a look what the booklet for
XYZ(32.6811, 44.3619, 39.0389)
contains.

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Color

**XYZ(32.7127, 44.4601,
39.2053)**

Conversions

Conversions Part 1

Format	Color
Hex	76C19E
RGB	118, 193, 158
RGB Percent	46%, 76%, 62%
CMY	0.5372, 0.2431, 0.3804
CMYK	0.39, 0.00, 0.18, 0.24
HSL	152°, 38%, 61%
HSV	152°, 39%, 76%
XYZ	32.7127, 44.4601, 39.2053
YIQ	166.5850, -33.4650, -26.7850

Conversions

Conversions Part 2

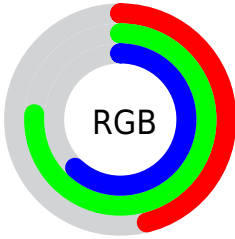
Format	Color
RYB	118, 167, 193
Decimal	7782814
CIELab	72.53, -31.22, 10.36
CIELCh	73, 32.892, 161.638
Yxy	44.4601, 0.2811, 0.3820
Android (android.graphics.Color)	4285972894 (0xFF76C19E)
YUV	166.5850, -4.2324, -42.6090
Hunter-Lab	66.6784, -29.1144, 11.8138

Details

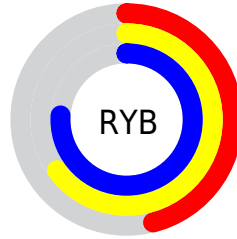
The XYZ color **32.7127, 44.4601, 39.2053** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.2220, 26.5952, 33.4683**, and the grayscale version is **36.5613, 38.4653, 41.8887**.

A 20% lighter version of the original color is **63.4294, 82.0595, 75.4468**, and **14.0664, 20.6506, 17.1545** is the 20% darker color. If you saturate the color by 10%, you get **29.6082, 42.9472, 35.1606**, and if you desaturate by 10%, it is **36.4128, 46.2758, 43.5764**.

Distribution



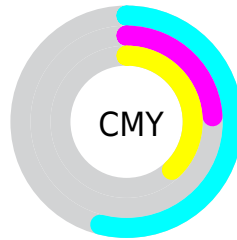
- Red (46%)
- Green (76%)
- Blue (62%)



- Red (46%)
- Yellow (65%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (24%)





- Cyan (54%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7127, 44.4601, 39.2053 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 32.7127, 44.4601, 39.2053 by changing the saturation by 10% instead.


 32.7127, 44.4601,
39.2053


 32.7127, 44.4601,
39.2053


306.0411,
364.5825, 358.2145


 22.0646, 31.0324,
26.6104


 63.2844, 81.9096,
75.1756

 14.0213, 20.6235,
17.0510


 83.9388, 106.7002,
99.3882

 8.2173, 12.8491,
10.1085


 108.6592,
136.0473, 128.3103

 4.2873, 7.3247,
5.3644

137.8112,
170.3351, 162.3607

 1.8659, 3.6660,
2.4002

171.7600,
209.9482, 201.9577

 0.5569, 1.4885,
0.7865

210.8710,

 0.0000, 0.2806,

255.2708, 247.5200

0.0000

255.5096,
306.6875, 299.4661

■ 0.0000, 0.0000,
0.0000

■ 32.7127, 44.4601,
39.2053

■ 32.7127, 44.4601,
39.2053

■ 29.6082, 42.9472,
35.1606

■ 36.4128, 46.2758,
43.5764

■ 27.0614, 41.7142,
31.4314

■ 40.7360, 48.4050,
48.2786

■ 25.0357, 40.7435,
28.0105


■ 45.7127, 50.8641,
53.3201


■ 23.4885, 40.0134,
24.8890


■ 51.3700, 53.6671,
58.7080


■ 22.3695, 39.4980,
22.0577


■ 57.7334, 56.8272,
64.4490


 21.5949, 39.1544,
19.5052

 64.8274, 60.3565,
70.5499

 21.5156, 39.1195,
19.2311

 72.6747, 64.2670,
77.0170

 74.6019, 65.1180,
83.5431

 75.9005, 65.6375,
90.3811

Harmonies

Analogous

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



35.4058, 44.4601, 28.5860



32.7127, 44.4601, 39.2053



32.4338, 44.4601, 55.0005

Triad

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



32.7127, 44.4601, 39.2053



44.5007, 44.4601, 85.9837



50.9616, 44.4601, 30.4521

Complementary

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



32.7127, 44.4601, 39.2053



34.2220, 26.5952, 33.4683

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.



53.8891, 44.4601, 42.3672



32.7127, 44.4601, 39.2053



49.9417, 44.4601, 75.7657

Square

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



32.7127, 44.4601, 39.2053



38.9084, 44.4601, 84.5978



53.5000, 44.4601, 58.9521



45.7945, 44.4601, 24.3690

Rectangle

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



32.7127, 44.4601, 39.2053



33.6210, 44.4601, 66.7498



53.5000, 44.4601, 58.9521



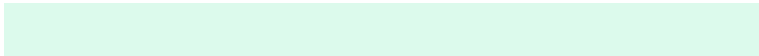
52.2603, 44.4601, 33.7799

Sweetspot

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



32.7139, 44.4619, 39.2063



78.7697, 89.5616, 92.4202



35.7155, 46.3445, 24.2030



16.6441, 19.0881, 19.5710



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.7139, 44.4619, 39.2063



53.6005, 77.1948, 63.7564



35.8931, 45.2933, 57.3050



10.1639, 11.3466, 11.8665



14.3505, 26.0343, 13.0049



0.6546, 1.1387, 0.7439

Inverse Universe

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



34.2220, 26.5952, 33.4683



56.6980, 40.5286, 51.9943



31.8902, 25.8996, 20.4584



10.2644, 10.1544, 11.4829



15.8966, 8.0484, 7.3673



0.7216, 0.3617, 0.5015

Previews

White Background



This preview shows how the XYZ color 32.7127, 44.4601, 39.2053 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 32.7127, 44.4601, 39.2053 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

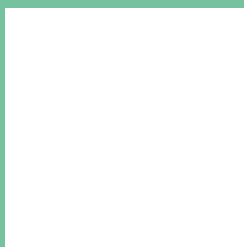
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7127, 44.4601, 39.2053

Background



This preview shows how black text looks on a background with the XYZ color 32.7127, 44.4601, 39.2053.



This preview shows how white text looks on a background with the XYZ color 32.7127, 44.4601,

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

32.7127, 44.4601, 39.2053

Protanopia

41.4769, 44.0854, 35.1774

Deuteranopia

44.7270, 43.9123, 40.7689



Tritanopia

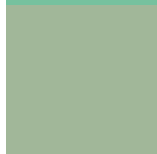
37.3331, 44.3941, 62.4784

Trichromacy



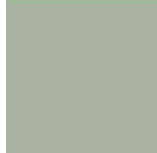
Original Color

32.7127, 44.4601, 39.2053



Protanomaly

37.3812, 43.7439, 36.6102



Deuteranomaly

39.1307, 43.3595, 40.0250



Tritanomaly

35.3727, 44.2254, 53.1264

Monochromacy



Original Color

32.7127, 44.4601, 39.2053



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

34.6206, 40.1206, 41.0413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7127, 44.4601, 39.2053 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(118, 193, 158)` looks like.

```
.text, #text, p{  
    color:rgb(118, 193, 158)  
}
```

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(118, 193, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 193, 158) }
```

Border

The CSS property to change the border of an element to XYZ 32.7127, 44.4601, 39.2053 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(118, 193, 158) }
```


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

```
.border{ border-color:rgb(118, 193, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 193, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 193, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 193, 158);  
box-shadow:4px 4px 4px 4px rgb(118, 193,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7127, 44.4601, 39.2053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 193, 158) }
```

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

```
.background{ background-color: rgb(118,  
193, 158) }
```

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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