

Converting Colors

XYZ(32.2493, 43.5152, 40.1824)

Have a look what the booklet for
XYZ(32.2493, 43.5152, 40.1824)
contains.

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Color

**XYZ(32.1784, 43.5127,
39.9605)**

Conversions

Conversions Part 1

Format	Color
Hex	74BFA0
RGB	116, 191, 160
RGB Percent	45%, 75%, 63%
CMY	0.5451, 0.2510, 0.3725
CMYK	0.39, 0.00, 0.16, 0.25
HSL	155°, 37%, 60%
HSV	155°, 39%, 75%
XYZ	32.1784, 43.5127, 39.9605
YIQ	165.0410, -34.7490, -25.5410

Conversions

Conversions Part 2

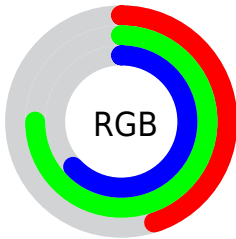
Format	Color
RYB	116, 163, 191
Decimal	7651232
CIELab	71.90, -30.41, 8.36
CIELCh	72, 31.534, 164.623
Yxy	43.5127, 0.2782, 0.3762
Android (android.graphics.Color)	4285841312 (0xFF74BFA0)
YUV	165.0410, -2.4852, -43.0090
Hunter-Lab	65.9642, -28.3620, 10.2576

Details

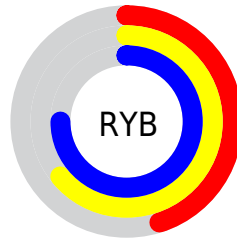
The XYZ color **32.1784, 43.5127, 39.9605** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.9992, 25.6747, 30.8219**, and the grayscale version is **35.8083, 37.6731, 41.0260**.

A 20% lighter version of the original color is **62.6277, 80.6990, 76.5656**, and **13.7559, 20.0522, 17.6135** is the 20% darker color. If you saturate the color by 10%, you get **29.2271, 42.0697, 36.3313**, and if you desaturate by 10%, it is **35.6980, 45.2459, 43.8472**.

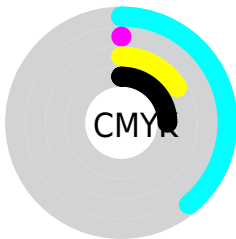
Distribution



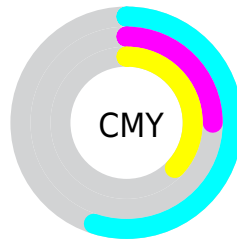
- Red (45%)
- Green (75%)
- Blue (63%)



- Red (45%)
- Yellow (64%)
- Blue (75%)



- Cyan (39%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)




- Cyan (55%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1784, 43.5127, 39.9605 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 32.1784, 43.5127, 39.9605 by changing the saturation by 10% instead.


 32.1784, 43.5127,
39.9605


 32.1784, 43.5127,
39.9605


303.6620,
360.7160, 361.5042


 21.6540, 30.2876,
27.1942


 62.4540, 80.4840,
76.3398

 13.7181, 20.0570,
17.4854

 82.9359, 104.9989,
100.7899

 8.0052, 12.4365,
10.4156


 107.4676,
134.0460, 129.9716

 4.1501, 7.0417,
5.5662

136.4146,
168.0095, 164.3035

 1.7874, 3.4882,
2.5186

170.1422,
207.2738, 204.2042

 0.5101, 1.3916,
0.8500

209.0157,

 0.0000, 0.2105,

252.2234, 250.0922

0.0000

253.4005,
303.2427, 302.3860

■ 0.0000, 0.0000,
0.0000

■ 32.1784, 43.5127,
39.9605

■ 32.1784, 43.5127,
39.9605

■ 29.2271, 42.0697,
36.3313

■ 35.6980, 45.2459,
43.8472

■ 26.8074, 40.8946,
32.9508

■ 39.8125, 47.2795,
47.9939

■ 24.8840, 39.9705,
29.8140


■ 44.5512, 49.6296,
52.4070

■ 23.4153, 39.2760,
26.9145


■ 49.9403, 52.3097,
57.0915


■ 22.3525, 38.7861,
24.2454


■ 56.0044, 55.3323,
62.0524


 21.6090, 38.4562,
21.7978

 62.7670, 58.7096,
67.2945

 21.5591, 38.4342,
21.6267

 70.2503, 62.4527,
72.8225

 73.2129, 63.8597,
78.3947

 74.3036, 64.2960,
84.1385

Harmonies

Analogous

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



34.5196, 43.5127, 29.2921



32.1784, 43.5127, 39.9605



32.1487, 43.5127, 55.2432

Triad

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



32.1784, 43.5127, 39.9605



44.0197, 43.5127, 82.1421



49.1513, 43.5127, 29.4923

Complementary

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



32.1784, 43.5127, 39.9605



32.9992, 25.6747, 30.8219

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.



52.1757, 43.5127, 40.2971



32.1784, 43.5127, 39.9605



49.0435, 43.5127, 71.6983

Square

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



32.1784, 43.5127, 39.9605



38.6792, 43.5127, 81.9968



52.1347, 43.5127, 55.6607



44.1567, 43.5127, 24.2008

Rectangle

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



32.1784, 43.5127, 39.9605



33.4285, 43.5127, 66.2460



52.1347, 43.5127, 55.6607



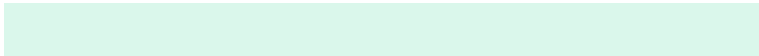
50.4505, 43.5127, 32.4829

Sweetspot

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



32.1796, 43.5145, 39.9615



77.1892, 87.5929, 91.4974



33.8621, 44.7506, 23.3765



16.6991, 19.1101, 19.8607



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.



32.1796, 43.5145, 39.9615



53.0860, 75.7060, 66.0280



33.9045, 42.0698, 55.6257



9.6372, 10.7410, 11.3389



14.2086, 25.2737, 14.4272



0.5884, 1.0027, 0.7327

Inverse Universe

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



32.9992, 25.6747, 30.8219



54.7623, 39.3568, 47.4375



31.6298, 26.3189, 19.9365



9.6893, 9.6000, 10.7528



15.0846, 7.6650, 5.7389



0.6235, 0.3133, 0.3966

Previews

White Background



This preview shows how the XYZ color 32.1784, 43.5127, 39.9605 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 32.1784, 43.5127, 39.9605 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 32.1784, 43.5127, 39.9605

Background



This preview shows how black text looks on a background with the XYZ color 32.1784, 43.5127, 39.9605.



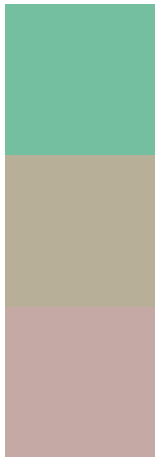
This preview shows how white text looks on a background with the XYZ color 32.1784, 43.5127,

39.9605.

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

32.1784, 43.5127, 39.9605

Protanopia

40.7646, 43.1173, 35.8797

Deuteranopia

43.7444, 42.8283, 41.5584



Tritanopia

36.3785, 43.3037, 61.0847

Trichromacy



Original Color

32.1784, 43.5127, 39.9605

Protanomaly

36.7383, 42.7852, 37.3324

Deuteranomaly

38.2693, 42.3041, 40.7988

Tritanomaly

34.5533, 43.1810, 52.4126

Monochromacy



Original Color

32.1784, 43.5127, 39.9605

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

33.7795, 39.1195, 40.4208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1784, 43.5127, 39.9605 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(116, 191, 160)` looks like.

```
.text, #text, p{  
    color:rgb(116, 191, 160)  
}
```

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(116, 191, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 191, 160) }
```

Border

The CSS property to change the border of an element to XYZ 32.1784, 43.5127, 39.9605 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(116, 191, 160) }
```


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

```
.border{ border-color:rgb(116, 191, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 191, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 191, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 191, 160); box-shadow:4px 4px 4px 4px rgb(116, 191, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1784, 43.5127, 39.9605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 191, 160) }
```

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

```
.background{ background-color: rgb(116,  
191, 160) }
```

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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