

Converting Colors

XYZ(32.4478, 43.5995, 42.0755)

Have a look what the booklet for
XYZ(32.4478, 43.5995, 42.0755)
contains.

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Color

**XYZ(32.4926, 43.6231,
42.3049)**

Conversions

Conversions Part 1

Format	Color
Hex	73BFA5
RGB	115, 191, 165
RGB Percent	45%, 75%, 65%
CMY	0.5490, 0.2510, 0.3529
CMYK	0.40, 0.00, 0.14, 0.25
HSL	159°, 37%, 60%
HSV	159°, 40%, 75%
XYZ	32.4926, 43.6231, 42.3049
YIQ	165.3120, -36.9500, -24.1980

Conversions

Conversions Part 2

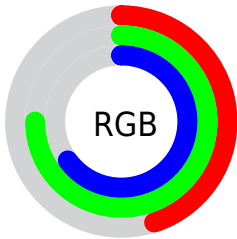
Format	Color
RYB	115, 161, 191
Decimal	7585701
CIELab	71.98, -29.60, 5.74
CIElCh	72, 30.147, 169.018
Yxy	43.6231, 0.2744, 0.3684
Android (android.graphics.Color)	4285775781 (0xFF73BFA5)
YUV	165.3120, -0.1538, -44.1236
Hunter-Lab	66.0478, -27.7695, 8.2570

Details

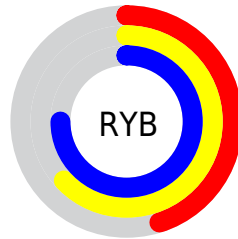
The XYZ color **32.4926, 43.6231, 42.3049** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.4258, 25.2621, 28.3681**, and the grayscale version is **35.9284, 37.7995, 41.1636**.

A 20% lighter version of the original color is **63.0632, 80.8482, 79.9916**, and **13.8508, 20.0757, 18.7678** is the 20% darker color. If you saturate the color by 10%, you get **29.6570, 42.2294, 39.1468**, and if you desaturate by 10%, it is **35.8814, 45.3007, 45.6494**.

Distribution



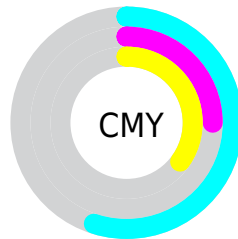
- Red (45%)
- Green (75%)
- Blue (65%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)





- Cyan (55%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4926, 43.6231, 42.3049 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 32.4926, 43.6231, 42.3049 by changing the saturation by 10% instead.


 32.4926, 43.6231,
42.3049


 32.4926, 43.6231,
42.3049

305.0627,
361.1680, 371.5822


 21.8954, 30.3743,
29.0128


 62.9425, 80.6503,
79.9359

 13.8962, 20.1229,
18.8448


 83.5260, 105.1975,
105.1119

 8.1297, 12.4844,
11.3825


 108.1689,
134.2796, 135.0862

 4.2306, 7.0745,
6.2073

137.2366,
168.2811, 170.2775

 1.8334, 3.5087,
2.9007

171.0945,
207.5863, 211.1041

 0.5377, 1.4027,
1.0442

210.1079,

 0.0000, 0.2187,

252.5795, 257.9848

0.0000

254.6422,
303.6453, 311.3380

■ 0.0000, 0.0000,
0.0000

■ 32.4926, 43.6231,
42.3049

■ 32.4926, 43.6231,
42.3049

■ 29.6570, 42.2294,
39.1468

■ 35.8814, 45.3007,
45.6494

■ 27.3381, 41.0975,
36.1683

■ 39.8499, 47.2725,
49.1811

■ 25.5007, 40.2104,
33.3663

■ 44.4269, 49.5544,
52.9045

■ 24.1034, 39.5468,
30.7364

■ 49.6386, 52.1598,
56.8230

■ 23.0974, 39.0817,
28.2738

■ 55.5094, 55.1012,
60.9399

■ 22.3892, 38.7668,
25.9714

■ 62.0623, 58.3906,
65.2584

■ 22.3753, 38.7607,
25.9248

■ 69.3193, 62.0391,
69.7816

■ 72.4324, 63.5475,
74.2847

■ 73.3010, 63.8949,
78.8586

Harmonies

Analogous

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



34.4362, 43.6231, 31.2406



32.4926, 43.6231, 42.3049



32.7985, 43.6231, 57.3378

Triad

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



32.4926, 43.6231, 42.3049



44.7692, 43.6231, 79.6193



48.2917, 43.6231, 29.1655

Complementary

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



32.4926, 43.6231, 42.3049



32.4258, 25.2621, 28.3681

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.



51.5318, 43.6231, 38.8539



32.4926, 43.6231, 42.3049



49.3848, 43.6231, 68.5976

Square

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



32.4926, 43.6231, 42.3049



39.6071, 43.6231, 81.0779



51.9476, 43.6231, 53.0999



43.3749, 43.6231, 24.7676

Rectangle

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



32.4926, 43.6231, 42.3049



34.2442, 43.6231, 67.6523



51.9476, 43.6231, 53.0999



49.6299, 43.6231, 31.8061

Sweetspot

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



32.4938, 43.6249, 42.3059



77.4967, 87.7159, 93.1166



32.8135, 44.2168, 23.0256



16.7735, 19.1398, 20.2521



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.



32.4938, 43.6249, 42.3059



53.5933, 75.8652, 70.6773



32.7162, 39.8894, 55.2674



9.6661, 10.7526, 11.4911



14.7431, 25.4875, 17.2418



0.6070, 1.0102, 0.8309

Inverse Universe

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



32.4258, 25.2621, 28.3681



53.4661, 38.3126, 42.2325



32.0939, 27.3396, 19.8059



9.6613, 9.5888, 10.6052



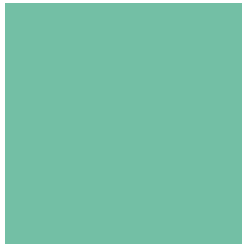
14.7882, 7.5464, 4.1783



0.6105, 0.3081, 0.3280

Previews

White Background



This preview shows how the XYZ color 32.4926, 43.6231, 42.3049 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 32.4926, 43.6231, 42.3049 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 32.4926, 43.6231, 42.3049

Background



This preview shows how black text looks on a background with the XYZ color 32.4926, 43.6231, 42.3049.

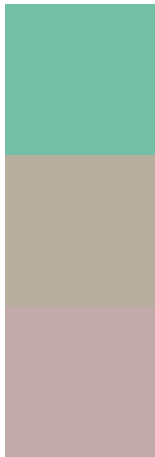


This preview shows how white text looks on a background with the XYZ color 32.4926, 43.6231,

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

32.4926, 43.6231, 42.3049

Protanopia

40.9442, 43.1615, 38.0713

Deuteranopia

44.1361, 43.2538, 44.0528



Tritanopia

36.4137, 43.6199, 61.7586

Trichromacy



Original Color

32.4926, 43.6231, 42.3049

Protanomaly

36.9696, 42.8549, 39.5810

Deuteranomaly

38.7142, 42.7749, 43.2617

Tritanomaly

34.9455, 43.6622, 54.1628

Monochromacy



Original Color

32.4926, 43.6231, 42.3049

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

33.9602, 39.1918, 41.3722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4926, 43.6231, 42.3049 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(115, 191, 165)` looks like.

```
.text, #text, p{  
    color:rgb(115, 191, 165)  
}
```

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(115, 191, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 191, 165) }
```

Border

The CSS property to change the border of an element to XYZ 32.4926, 43.6231, 42.3049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

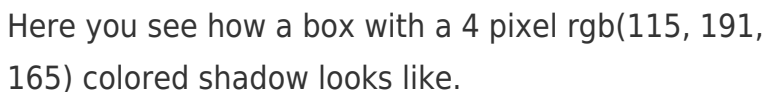
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 191, 165) }
```


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

```
.border{ border-color:rgb(115, 191, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 191, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 191, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 191, 165); box-shadow:4px 4px 4px 4px rgb(115, 191, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4926, 43.6231, 42.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 191, 165) }
```

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

```
.background{ background-color: rgb(115,  
191, 165) }
```

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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