

Converting Colors

XYZ(32.8253, 43.9410, 40.8365)

Have a look what the booklet for
XYZ(32.8253, 43.9410, 40.8365)
contains.

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Color

**XYZ(32.7601, 43.7922,
40.9085)**

Conversions

Conversions Part 1

Format	Color
Hex	77BFA2
RGB	119, 191, 162
RGB Percent	47%, 75%, 64%
CMY	0.5333, 0.2510, 0.3647
CMYK	0.38, 0.00, 0.15, 0.25
HSL	156°, 36%, 61%
HSV	156°, 38%, 75%
XYZ	32.7601, 43.7922, 40.9085
YIQ	166.1660, -33.6030, -24.2830

Conversions

Conversions Part 2

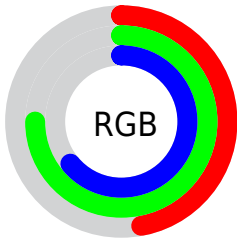
Format	Color
RYB	119, 164, 191
Decimal	7847842
CIELab	72.09, -29.13, 7.56
CIELCh	72, 30.093, 165.446
Yxy	43.7922, 0.2789, 0.3728
Android (android.graphics.Color)	4286037922 (0xFF77BFA2)
YUV	166.1660, -2.0538, -41.3646
Hunter-Lab	66.1757, -27.4415, 9.6711

Details

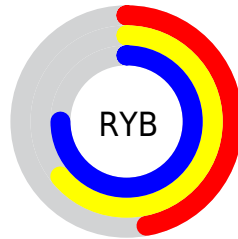
The XYZ color **32.7601, 43.7922, 40.9085** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.4294, 26.4091, 31.3541**, and the grayscale version is **36.3480, 38.2409, 41.6443**.

A 20% lighter version of the original color is **63.5473, 81.1432, 77.9586**, and **14.0069, 20.1754, 17.9078** is the 20% darker color. If you saturate the color by 10%, you get **29.7347, 42.3103, 37.3060**, and if you desaturate by 10%, it is **36.3566, 45.5660, 44.7581**.

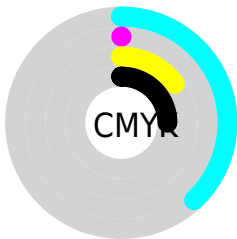
Distribution



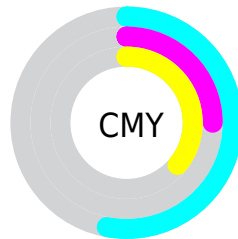
- Red (47%)
- Green (75%)
- Blue (64%)



- Red (47%)
- Yellow (64%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7601, 43.7922, 40.9085 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 32.7601, 43.7922, 40.9085 by changing the saturation by 10% instead.

■ 32.7601, 43.7922,
40.9085

■ 32.7601, 43.7922,
40.9085

306.2515,
361.8596, 365.6034

■ 22.1011, 30.5072,
27.9284

■ 63.3580, 80.9050,
77.7971

■ 14.0482, 20.2239,
18.0331

■ 84.0276, 105.5015,
102.5428

■ 8.2361, 12.5579,
10.8041

■ 108.7647,
134.6373, 132.0474

■ 4.2995, 7.1248,
5.8228

137.9348,
168.6968, 166.7294

■ 1.8729, 3.5403,
2.6706

171.9032,
208.0644, 207.0075

■ 0.5610, 1.4199,
0.9286

211.0352,

■ 0.0000, 0.2313,

253.1245, 253.3002

0.0000

255.6962,
304.2614, 306.0260

■ 0.0000, 0.0000,
0.0000

■ 32.7601, 43.7922,
40.9085

■ 32.7601, 43.7922,
40.9085

■ 29.7347, 42.3103,
37.3060

■ 36.3566, 45.5660,
44.7581

■ 27.2442, 41.0983,
33.9422

■ 40.5504, 47.6416,
48.8569

■ 25.2539, 40.1395,
30.8124


■ 45.3703, 50.0349,
53.2109


■ 23.7234, 39.4131,
27.9107


■ 50.8422, 52.7594,
57.8250


■ 22.6052, 38.8948,
25.2305


■ 56.9906, 55.8274,
62.7037


 21.8298, 38.5489,
22.7644

 63.8386, 59.2508,
67.8516

 21.6728, 38.4797,
22.2249

 71.4082, 63.0409,
73.2730

 73.2652, 63.8807,
78.6702

 74.3299, 64.3065,
84.2767

Harmonies

Analogous

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



34.9617, 43.7922, 30.4332



32.7601, 43.7922, 40.9085



32.7941, 43.7922, 55.6363

Triad

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



32.7601, 43.7922, 40.9085



44.3150, 43.7922, 80.5518



48.9598, 43.7922, 30.2026

Complementary

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



32.7601, 43.7922, 40.9085



33.4294, 26.4091, 31.3541

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.



51.9097, 43.7922, 40.5249



32.7601, 43.7922, 40.9085



49.0812, 43.7922, 70.4599

Square

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



32.7601, 43.7922, 40.9085



39.1854, 43.7922, 80.7139



51.9559, 43.7922, 55.1653



44.1600, 43.7922, 25.1734

Rectangle

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



32.7601, 43.7922, 40.9085



34.0701, 43.7922, 66.0807



51.9559, 43.7922, 55.1653



50.2174, 43.7922, 33.0614

Sweetspot

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



32.7613, 43.7940, 40.9095



78.1231, 88.0524, 92.5329



34.3564, 44.9850, 24.3255



16.8922, 19.2049, 20.0833



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.



32.7613, 43.7940, 40.9095



54.2500, 76.2623, 68.0586



34.3621, 42.3832, 55.6621



9.6414, 10.7427, 11.3614



14.2831, 25.3035, 14.8195



0.5910, 1.0038, 0.7467

Inverse Universe

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



33.4294, 26.4091, 31.3541



55.6193, 40.7893, 48.5915



32.1505, 27.0765, 20.9850



9.6851, 9.5983, 10.7309



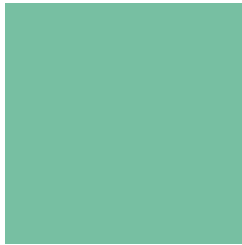
15.0366, 7.6458, 5.4865



0.6215, 0.3125, 0.3859

Previews

White Background



This preview shows how the XYZ color 32.7601, 43.7922, 40.9085 looks on a white background.

Color Contrast Check

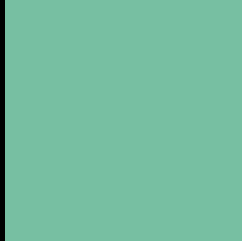
Large Text (above 18pt) WCAG AA × Fail

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 32.7601, 43.7922, 40.9085 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 32.7601, 43.7922, 40.9085

Background



This preview shows how black text looks on a background with the XYZ color 32.7601, 43.7922, 40.9085.



This preview shows how white text looks on a background with the XYZ color 32.7601, 43.7922,

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

32.7601, 43.7922, 40.9085

Protanopia

40.9299, 43.1834, 36.7498

Deuteranopia

44.0226, 43.2384, 42.1020



Tritanopia

37.0036, 43.9241, 61.7862

Trichromacy



Original Color

32.7601, 43.7922, 40.9085

Protanomaly

37.1069, 42.9557, 38.2338

Deuteranomaly

38.8604, 42.8822, 41.8262

Tritanomaly

35.4103, 43.9143, 53.6237

Monochromacy



Original Color

32.7601, 43.7922, 40.9085

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

34.5159, 39.7661, 41.4538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7601, 43.7922, 40.9085 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(119, 191, 162)` looks like.

```
.text, #text, p{  
    color:rgb(119, 191, 162)  
}
```

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(119, 191, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 191, 162) }
```

Border

The CSS property to change the border of an element to XYZ 32.7601, 43.7922, 40.9085 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(119, 191, 162) }
```


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

```
.border{ border-color:rgb(119, 191, 162) }
```

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

Here you see how a box with a 4 pixel rgb(119, 191, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 191, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 191, 162);  
box-shadow:4px 4px 4px 4px rgb(119, 191,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7601, 43.7922, 40.9085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 191, 162) }
```

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

```
.background{ background-color: rgb(119,  
191, 162) }
```

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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