

Converting Colors

XYZ(26.8399, 32.5560, 42.1980)

Have a look what the booklet for
XYZ(26.8399, 32.5560, 42.1980)
contains.

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Color

**XYZ(26.8142, 32.4385,
42.3841)**

Conversions

Conversions Part 1

Format	Color
Hex	6FA3A9
RGB	111, 163, 169
RGB Percent	44%, 64%, 66%
CMY	0.5647, 0.3608, 0.3373
CMYK	0.34, 0.04, 0.00, 0.34
HSL	186°, 25%, 55%
HSV	186°, 34%, 66%
XYZ	26.8142, 32.4385, 42.3841
YIQ	148.1360, -32.9180, -9.1580

Conversions

Conversions Part 2

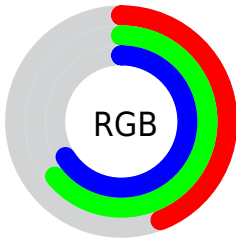
Format	Color
R _Y B	111, 138, 169
Decimal	7316393
CIE Lab	63.70, -15.62, -8.61
CIE LCh	64, 17.838, 208.863
Yxy	32.4385, 0.2638, 0.3192
Android (android.graphics.Color)	4285506473 (0xFF6FA3A9)
YUV	148.1360, 10.2860, -32.5683
Hunter-Lab	56.9548, -15.6335, -4.2535

Details

The XYZ color **26.8142, 32.4385, 42.3841** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.5932, 22.3056, 17.9962**, and the grayscale version is **28.1741, 29.6414, 32.2795**.

A 20% lighter version of the original color is **54.0430, 63.5240, 79.9340**, and **10.6990, 13.5830, 18.8875** is the 20% darker color. If you saturate the color by 10%, you get **24.5777, 30.8288, 42.1918**, and if you desaturate by 10%, it is **29.4593, 34.2668, 42.5981**.

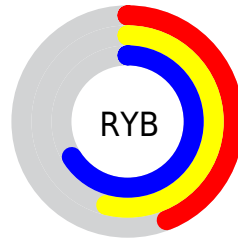
Distribution



Red (44%)

Green (64%)

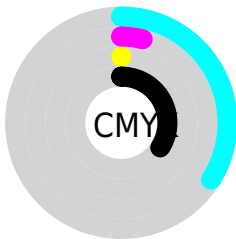
Blue (66%)



Red (44%)

Yellow (54%)

Blue (66%)

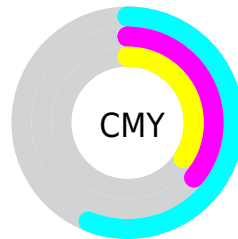


Cyan (34%)

Magenta (4%)

Yellow (0%)

Black (34%)



Cyan (56%)

Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8142, 32.4385, 42.3841 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 26.8142, 32.4385, 42.3841 by changing the saturation by 10% instead.

■ 26.8142, 32.4385,
42.3841

■ 26.8142, 32.4385,
42.3841

278.9404,
313.1119, 371.9192

■ 17.5696, 21.6967,
29.0744

■ 54.0076, 63.4979,
80.0570

■ 10.7392, 13.6342,
18.8910

■ 72.6870, 84.5842,
105.2572

■ 5.9578, 7.8667,
11.4155

■ 95.2422, 109.8875,
135.2580

■ 2.8598, 4.0098,
6.2294

■ 122.0384,
139.7921, 170.4778

■ 1.0801, 1.6790,
2.9140

153.4409,
174.6825, 211.3354

■ 0.0083, 0.4100,
1.0509

189.8152,

■ 0.0000, 0.0000,

214.9430, 258.2491

0.0000

231.5265,
260.9580, 311.6375

■ 26.8142, 32.4385,
42.3841

■ 26.8142, 32.4385,
42.3841

■ 24.5777, 30.8288,
42.1918

■ 29.4593, 34.2668,
42.5981

■ 22.7241, 29.4221,
42.0180

■ 32.5309, 36.3205,
42.8327

■ 21.2293, 28.2066,
41.8622

■ 36.0497, 38.6113,
43.0893

■ 20.0652, 27.1679,
41.7230

■ 40.0340, 41.1483,
43.3691

■ 19.1998, 26.2895,
41.5991

■ 44.5009, 43.9408,
43.6726

■ 18.5940, 25.5511,
41.4885

■ 49.4670, 46.9970,
44.0008

■ 18.3126, 25.1667,
41.4291

■ 54.9478, 50.3250,
44.3543

■ 60.9582, 53.9327,
44.7339

■ 64.4681, 56.2578,
44.9977

Harmonies

Analogous

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



26.2751, 32.4385, 35.0478



26.8142, 32.4385, 42.3841



28.4146, 32.4385, 48.4491

Triad

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



26.8142, 32.4385, 42.3841



35.1279, 32.4385, 42.9202



30.9272, 32.4385, 23.2760

Complementary

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



26.8142, 32.4385, 42.3841



25.5932, 22.3056, 17.9962

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.



33.3824, 32.4385, 24.8069



26.8142, 32.4385, 42.3841



35.8870, 32.4385, 35.5936

Square

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



26.8142, 32.4385, 42.3841



33.2087, 32.4385, 48.7869



35.2320, 32.4385, 29.0880



28.5712, 32.4385, 24.5919

Rectangle

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



26.8142, 32.4385, 42.3841



29.9134, 32.4385, 50.6069



35.2320, 32.4385, 29.0880



31.7688, 32.4385, 23.4706

Sweetspot

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



26.8152, 32.4398, 42.3848



60.7698, 66.6929, 76.8952



23.9433, 33.0357, 21.8834



13.0644, 14.4180, 16.7465



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.8152, 32.4398, 42.3848



44.9849, 55.9217, 75.6481



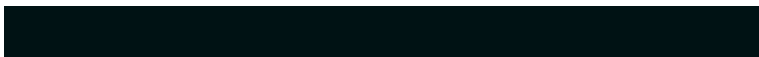
22.2705, 23.3504, 40.8700



7.6803, 8.3975, 9.6344



13.6709, 18.8020, 30.8841



0.3509, 0.4940, 0.7575

Inverse Universe

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



28.6583, 22.4491, 37.4744



48.8381, 35.5625, 65.2640



29.4802, 30.0796, 19.2919



7.8080, 7.6531, 9.3060



16.4010, 7.9691, 22.7211



0.4083, 0.1976, 0.6014

Previews

White Background



This preview shows how the XYZ color 26.8142, 32.4385, 42.3841 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 26.8142, 32.4385, 42.3841 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 26.8142, 32.4385, 42.3841

Background



This preview shows how black text looks on a background with the XYZ color 26.8142, 32.4385, 42.3841.

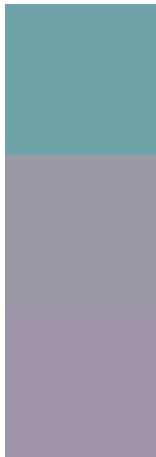


This preview shows how white text looks on a background with the XYZ color 26.8142, 32.4385,

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

26.8142, 32.4385, 42.3841

Protanopia

31.3285, 32.2968, 39.2331

Deuteranopia

32.8499, 32.2648, 43.5261



Tritanopia

27.4682, 32.4465, 45.3725

Trichromacy



Original Color

26.8142, 32.4385, 42.3841

Protanomaly

29.3297, 32.2338, 40.2732

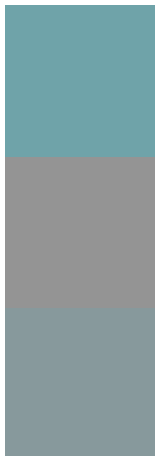
Deuteranomaly

30.2274, 32.1337, 43.1374

Tritanomaly

27.1452, 32.3025, 44.3395

Monochromacy



Original Color

26.8142, 32.4385, 42.3841

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.3837, 30.3337, 35.8642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8142, 32.4385, 42.3841 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(111, 163, 169)` looks like.

```
.text, #text, p{  
    color:rgb(111, 163, 169)  
}
```

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(111, 163, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 163, 169) }
```

Border

The CSS property to change the border of an element to XYZ 26.8142, 32.4385, 42.3841 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(111, 163, 169) }
```


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

```
.border{ border-color:rgb(111, 163, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 163, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 163, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 163, 169);  
box-shadow:4px 4px 4px 4px rgb(111, 163,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8142, 32.4385, 42.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 163, 169) }
```

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

```
.background{ background-color: rgb(111,  
163, 169) }
```

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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