

Converting Colors

XYZ(26.3392, 32.7997, 33.0666)

Have a look what the booklet for
XYZ(26.3392, 32.7997, 33.0666)
contains.

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Color

**XYZ(26.4082, 32.9703,
32.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	77A594
RGB	119, 165, 148
RGB Percent	47%, 65%, 58%
CMY	0.5333, 0.3529, 0.4196
CMYK	0.28, 0.00, 0.10, 0.35
HSL	158°, 20%, 56%
HSV	158°, 28%, 65%
XYZ	26.4082, 32.9703, 32.9890
YIQ	149.3080, -21.9590, -15.0390

Conversions

Conversions Part 2

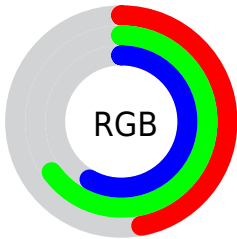
Format	Color
RYB	119, 147, 165
Decimal	7841172
CIELab	64.14, -19.15, 3.84
CIElCh	64, 19.534, 168.666
Yxy	32.9703, 0.2859, 0.3569
Android (android.graphics.Color)	4286031252 (0xFF77A594)
YUV	149.3080, -0.6448, -26.5801
Hunter-Lab	57.4198, -18.3898, 6.1303

Details

The XYZ color **26.4082, 32.9703, 32.9890** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.5590, 22.9715, 26.3281**, and the grayscale version is **28.7068, 30.2018, 32.8897**.

A 20% lighter version of the original color is **53.2671, 64.2213, 65.4656**, and **10.5170, 13.9385, 13.4454** is the 20% darker color. If you saturate the color by 10%, you get **23.8674, 31.7157, 30.4167**, and if you desaturate by 10%, it is **29.3694, 34.4405, 35.7152**.

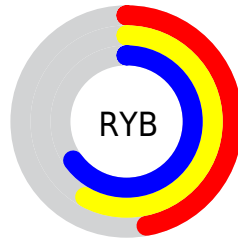
Distribution



Red (47%)

Green (65%)

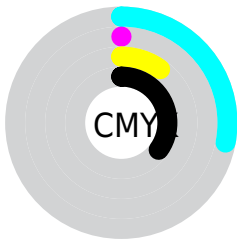
Blue (58%)



Red (47%)

Yellow (58%)

Blue (65%)

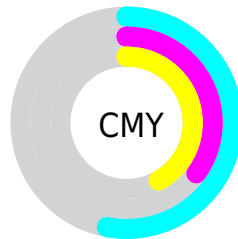


Cyan (28%)

Magenta (0%)

Yellow (10%)

Black (35%)



Cyan (53%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4082, 32.9703, 32.9890 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 26.4082, 32.9703, 32.9890 by changing the saturation by 10% instead.

■ 26.4082, 32.9703,
32.9890

■ 26.4082, 32.9703,
32.9890

277.0003,
315.5159, 330.2307

■ 17.2635, 22.1037,
21.8470

■ 53.3594, 64.3292,
65.4742

■ 10.5190, 13.9331,
13.5473

■ 71.8966, 85.5902,
87.6544

■ 5.8093, 8.0742,
7.6713

■ 94.2954, 111.0848,
114.3511

■ 2.7690, 4.1424,
3.8006

120.9211,
141.1975, 145.9828

■ 1.0328, 1.7536,
1.5166

152.1391,
176.3125, 182.9681

■ 0.0000, 0.4580,
0.2303

188.3147,

■ 0.0000, 0.0000,

216.8143, 225.7254

0.0000

229.8133,
263.0873, 274.6735

■ 26.4082, 32.9703,
32.9890

■ 26.4082, 32.9703,
32.9890

■ 23.8674, 31.7157,
30.4167

■ 29.3694, 34.4405,
35.7152

■ 21.7236, 30.6619,
27.9931

■ 32.7676, 36.1321,
38.5958

■ 19.9552, 29.7988,
25.7157

■ 36.6216, 38.0556,
41.6346

■ 18.5372, 29.1136,
23.5813

■ 40.9485, 40.2199,
44.8340

■ 17.4417, 28.5919,
21.5864

■ 45.7643, 42.6331,
48.1968

■ 16.6361, 28.2169,
19.7272

■ 51.0843, 45.3030,
51.7254

■ 16.0654, 27.9604,
17.9989

■ 56.9231, 48.2373,
55.4225

■ 15.9553, 27.9113,
17.6481

■ 63.2949, 51.4430,
59.2902

■ 65.4618, 52.4779,
63.1087

Harmonies

Analogous

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



27.5124, 32.9703, 26.7528



26.4082, 32.9703, 32.9890



26.5655, 32.9703, 40.9958

Triad

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



26.4082, 32.9703, 32.9890



33.0698, 32.9703, 52.3425



34.9813, 32.9703, 25.6371

Complementary

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



26.4082, 32.9703, 32.9890



26.5590, 22.9715, 26.3281

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.



36.6488, 32.9703, 31.2432



26.4082, 32.9703, 32.9890



35.5012, 32.9703, 46.9233

Square

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



26.4082, 32.9703, 32.9890



30.3040, 32.9703, 52.9931



36.8444, 32.9703, 38.9754



32.3938, 32.9703, 22.9439

Rectangle

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



26.4082, 32.9703, 32.9890



27.3668, 32.9703, 46.2768



36.8444, 32.9703, 38.9754



35.6744, 32.9703, 27.2018

Sweetspot

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



26.4091, 32.9717, 32.9897



58.5087, 64.6209, 68.9778



27.0425, 33.5310, 22.5002



12.5884, 14.0264, 14.9131



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.4091, 32.9717, 32.9897



44.5993, 57.7141, 56.4084



26.9077, 31.6545, 40.2906



7.1645, 7.9666, 8.4781



12.0945, 21.1242, 13.4803



0.2758, 0.4525, 0.3971

Inverse Universe

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



26.5590, 22.9715, 26.3281



44.9114, 37.0145, 42.6290



26.1016, 23.8395, 20.6792



7.1770, 7.1272, 7.9183



12.3982, 6.3153, 4.0213



0.2828, 0.1416, 0.2019

Previews

White Background



This preview shows how the XYZ color 26.4082, 32.9703, 32.9890 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 26.4082, 32.9703, 32.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

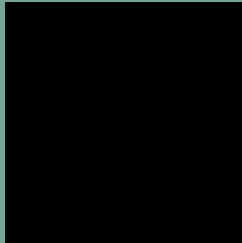
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4082, 32.9703, 32.9890

Background



This preview shows how black text looks on a background with the XYZ color 26.4082, 32.9703, 32.9890.

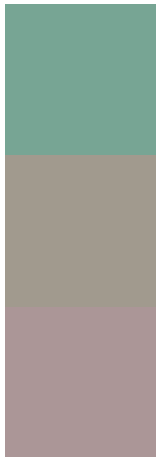


This preview shows how white text looks on a background with the XYZ color 26.4082, 32.9703,

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

26.4082, 32.9703, 32.9890

Protanopia

31.1360, 32.6413, 30.2505

Deuteranopia

33.2868, 32.7050, 33.8364



Tritanopia

28.6970, 32.8308, 44.8689

Trichromacy



Original Color

26.4082, 32.9703, 32.9890

Protanomaly

29.1150, 32.5783, 31.1393

Deuteranomaly

30.1753, 32.3201, 33.5022

Tritanomaly

27.7379, 32.6948, 40.4461

Monochromacy



Original Color

26.4082, 32.9703, 32.9890

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.6274, 31.0159, 32.9643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4082, 32.9703, 32.9890 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, 165, 148)` looks like.

```
.text, #text, p{  
    color:rgb(119, 165, 148)  
}
```

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, 165, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 165, 148) }
```

Border

The CSS property to change the border of an element to XYZ 26.4082, 32.9703, 32.9890 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, 165, 148) }
```


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

```
.border{ border-color:rgb(119, 165, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 165, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 165, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 165, 148);  
box-shadow:4px 4px 4px 4px rgb(119, 165,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4082, 32.9703, 32.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 165, 148) }
```

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

```
.background{ background-color: rgb(119,  
165, 148) }
```

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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