

Converting Colors

XYZ(26.2026, 35.4661, 29.3381)

Have a look what the booklet for
XYZ(26.2026, 35.4661, 29.3381)
contains.

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Color

**XYZ(26.2790, 35.4866,
29.5093)**

Conversions

Conversions Part 1

Format	Color
Hex	6FAE8A
RGB	111, 174, 138
RGB Percent	44%, 68%, 54%
CMY	0.5647, 0.3176, 0.4588
CMYK	0.36, 0.00, 0.21, 0.32
HSL	146°, 28%, 56%
HSV	146°, 36%, 68%
XYZ	26.2790, 35.4866, 29.5093
YIQ	151.0590, -25.9920, -24.5520

Conversions

Conversions Part 2

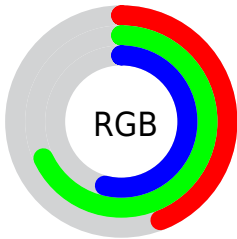
Format	Color
RYB	111, 155, 174
Decimal	7319178
CIELab	66.13, -28.26, 12.17
CIELCh	66, 30.767, 156.704
Yxy	35.4866, 0.2879, 0.3888
Android (android.graphics.Color)	4285509258 (0xFF6FAE8A)
YUV	151.0590, -6.4381, -35.1317
Hunter-Lab	59.5706, -25.5051, 12.3292

Details

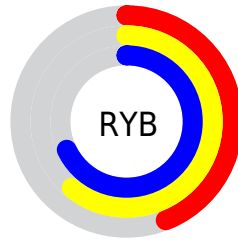
The XYZ color **26.2790, 35.4866, 29.5093** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.4076, 22.4749, 30.4459**, and the grayscale version is **29.4760, 31.0111, 33.7711**.

A 20% lighter version of the original color is **53.2178, 68.3545, 59.6791**, and **10.4025, 15.3091, 11.6392** is the 20% darker color. If you saturate the color by 10%, you get **23.6121, 34.1921, 25.7974**, and if you desaturate by 10%, it is **29.4402, 37.0302, 33.5899**.

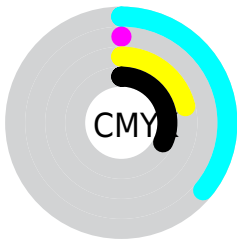
Distribution



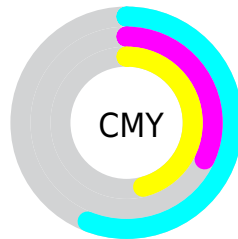
- Red (44%)
- Green (68%)
- Blue (54%)



- Red (44%)
- Yellow (61%)
- Blue (68%)



- Cyan (36%)
- Magenta (0%)
- Yellow (21%)
- Black (32%)



- Cyan (56%)
- Magenta (32%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2790, 35.4866, 29.5093 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 26.2790, 35.4866, 29.5093 by changing the saturation by 10% instead.

■ 26.2790, 35.4866,
29.5093

■ 26.2790, 35.4866,
29.5093

276.3806,
326.7110, 313.7462

■ 17.1663, 24.0379,
19.2175

■ 53.1528, 68.2389,
59.9371

■ 10.4491, 15.3618,
11.6492

■ 71.6446, 90.3114,
80.9102

■ 5.7623, 9.0737,
6.3856

■ 93.9934, 116.6939,
106.2809

■ 2.7404, 4.7893,
3.0084

■ 120.5646,
147.7708, 136.4676

■ 1.0180, 2.1242,
1.0989

151.7236,
183.9266, 171.8890

■ 0.0000, 0.6782,
0.0000

187.8357,

■ 0.0000, 0.0000,

225.5456, 212.9635

0.0000

229.2662,
273.0123, 260.1098

■ 26.2790, 35.4866,
29.5093

■ 26.2790, 35.4866,
29.5093

■ 23.6121, 34.1921,
25.7974

■ 29.4402, 37.0302,
33.5899

■ 21.4100, 33.1289,
22.4415

■ 33.1175, 38.8311,
38.0469

■ 19.6445, 32.2835,
19.4313


■ 37.3346, 40.9022,
42.8905


■ 18.2826, 31.6393,
16.7553


■ 42.1129, 43.2545,
48.1302


■ 17.2867, 31.1770,
14.4013


■ 47.4728, 45.8983,
53.7747


 16.6068, 30.8710,
12.3556

 53.4336, 48.8432,
59.8326

 16.3921, 30.7756,
11.6563

 60.0134, 52.0986,
66.3124

 67.2299, 55.6734,
73.2221

 70.3097, 57.1066,
80.3455

Harmonies

Analogous

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



28.7409, 35.4866, 21.7590



26.2790, 35.4866, 29.5093



25.7267, 35.4866, 41.6544

Triad

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



26.2790, 35.4866, 29.5093



34.7661, 35.4866, 69.4403



41.2826, 35.4866, 25.4554

Complementary

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



26.2790, 35.4866, 29.5093



28.4076, 22.4749, 30.4459

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.



43.2391, 35.4866, 35.7725



26.2790, 35.4866, 29.5093



39.2631, 35.4866, 62.5543

Square

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



26.2790, 35.4866, 29.5093



30.3690, 35.4866, 66.6965



42.4685, 35.4866, 49.4804



37.3280, 35.4866, 19.8149

Rectangle

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



26.2790, 35.4866, 29.5093



26.4666, 35.4866, 51.0986



42.4685, 35.4866, 49.4804



42.2113, 35.4866, 28.3895

Sweetspot

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



26.2800, 35.4881, 29.5101



63.7788, 72.2534, 73.3257



30.1740, 37.6940, 20.7245



13.9526, 15.9496, 16.0405



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.2800, 35.4881, 29.5101



43.9319, 62.5536, 48.3788



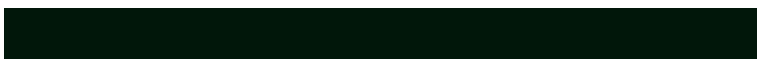
28.8307, 36.5084, 42.9421



8.0416, 8.9942, 9.2442



11.9173, 22.3322, 8.6044



0.3593, 0.6324, 0.3856

Inverse Universe

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



28.4076, 22.4749, 30.4459



48.3311, 35.6268, 50.2988



26.3079, 21.6350, 19.3891



8.1898, 8.0892, 9.3102



14.3393, 7.1983, 9.4320



0.4256, 0.2109, 0.4029

Previews

White Background



This preview shows how the XYZ color 26.2790, 35.4866, 29.5093 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 26.2790, 35.4866, 29.5093 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

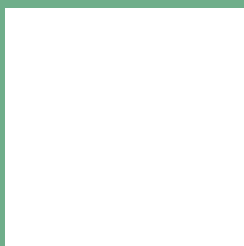
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2790, 35.4866, 29.5093

Background



This preview shows how black text looks on a background with the XYZ color 26.2790, 35.4866, 29.5093.



This preview shows how white text looks on a background with the XYZ color 26.2790, 35.4866,

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

26.2790, 35.4866, 29.5093

Protanopia

33.0297, 35.2153, 26.5291

Deuteranopia

35.7295, 35.0093, 30.4655



Tritanopia

30.1919, 35.3757, 49.4929

Trichromacy



Original Color

26.2790, 35.4866, 29.5093

Protanomaly

29.9710, 34.9274, 27.7163

Deuteranomaly

31.2629, 34.4807, 30.2070

Tritanomaly

28.5938, 35.2845, 41.3799

Monochromacy



Original Color

26.2790, 35.4866, 29.5093

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.7398, 32.1058, 31.9291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2790, 35.4866, 29.5093 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, 174, 138)` looks like.

```
.text, #text, p{  
    color:rgb(111, 174, 138)  
}
```

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, 174, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 174, 138) }
```

Border

The CSS property to change the border of an element to XYZ 26.2790, 35.4866, 29.5093 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, 174, 138) }
```


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

```
.border{ border-color:rgb(111, 174, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 174, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 174, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 174, 138);  
box-shadow:4px 4px 4px 4px rgb(111, 174,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2790, 35.4866, 29.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 174, 138) }
```

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

```
.background{ background-color: rgb(111,  
174, 138) }
```

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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