

Converting Colors

XYZ(26.0109, 31.2317, 26.4877)

Have a look what the booklet for
XYZ(26.0109, 31.2317, 26.4877)
contains.

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Color

**XYZ(26.0787, 31.3678,
26.5099)**

Conversions

Conversions Part 1

Format	Color
Hex	849F84
RGB	132, 159, 132
RGB Percent	52%, 62%, 52%
CMY	0.4824, 0.3765, 0.4823
CMYK	0.17, 0.00, 0.17, 0.38
HSL	120°, 12%, 57%
HSV	120°, 17%, 62%
XYZ	26.0787, 31.3678, 26.5099
YIQ	147.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

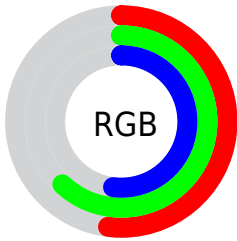
Format	Color
RYB	132, 159, 159
Decimal	8691588
CIELab	62.82, -14.83, 11.01
CIElCh	63, 18.464, 143.413
Yxy	31.3678, 0.3106, 0.3736
Android (android.graphics.Color)	4286881668 (0xFF849F84)
YUV	147.8490, -7.8136, -13.8996
Hunter-Lab	56.0070, -14.8967, 11.1410

Details

The XYZ color **26.0787, 31.3678, 26.5099** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.8084, 26.3773, 36.3752**, and the grayscale version is **28.1198, 29.5842, 32.2172**.

A 20% lighter version of the original color is **52.8111, 61.9102, 55.0654**, and **10.4036, 13.1435, 10.1722** is the 20% darker color. If you saturate the color by 10%, you get **22.7729, 29.7808, 21.1020**, and if you desaturate by 10%, it is **29.9311, 33.2192, 32.8104**.

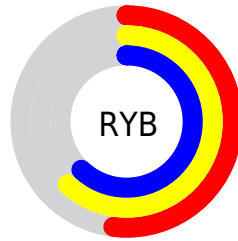
Distribution



Red (52%)

Green (62%)

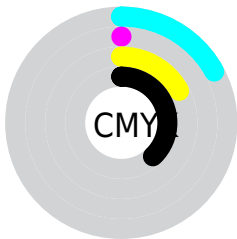
Blue (52%)



Red (52%)

Yellow (62%)

Blue (62%)

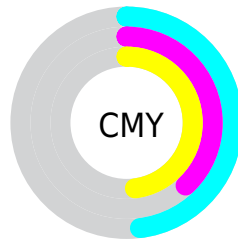


Cyan (17%)

Magenta (0%)

Yellow (17%)

Black (38%)



Cyan (48%)

Magenta (38%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0787, 31.3678, 26.5099 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 26.0787, 31.3678, 26.5099 by changing the saturation by 10% instead.

■ 26.0787, 31.3678,
26.5099

■ 26.0787, 31.3678,
26.5099

275.4178,
308.2292, 298.9610

■ 17.0155, 20.8791,
16.9763

■ 52.8323, 61.8187,
55.0905

■ 10.3409, 13.0356,
10.0558

■ 71.2534, 82.5496,
74.9747

■ 5.6896, 7.4531,
5.3299

■ 93.5245, 107.4634,
99.1461

■ 2.6961, 3.7470,
2.3800

120.0110,
136.9445, 128.0233

■ 0.9952, 1.5331,
0.7755

151.0782,
171.3772, 162.0249

■ 0.0000, 0.3118,
0.0000

187.0915,

■ 0.0000, 0.0000,

211.1460, 201.5693

0.0000

228.4163,
256.6352, 247.0752

■ 26.0787, 31.3678,
26.5099

■ 26.0787, 31.3678,
26.5099

■ 22.7729, 29.7808,
21.1020

■ 29.9311, 33.2192,
32.8104

■ 19.9865, 28.4423,
16.5443

■ 34.3505, 35.3421,
40.0391

■ 17.6939, 27.3411,
12.7944

■ 39.3596, 37.7482,
48.2322

■ 15.8663, 26.4632,
9.8050

■ 44.9788, 40.4474,
57.4232

■ 14.4720, 25.7934,
7.5243

■ 51.2277, 43.4491,
67.6443

■ 13.4751, 25.3146,
5.8937

■ 58.1251, 46.7623,
78.9259

■ 12.8343, 25.0068,
4.8454

■ 65.6888, 50.3955,
91.2975

■ 12.4852, 24.8391,
4.2743

■ 71.6888, 53.2776,
101.1129

■ 12.3988, 24.7976,
4.1331

Harmonies

Analogous

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



27.9239, 31.3678, 22.9051



26.0787, 31.3678, 26.5099



25.2411, 31.3678, 32.5819

Triad

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



26.0787, 31.3678, 26.5099



29.2600, 31.3678, 49.9352



34.5013, 31.3678, 28.9155

Complementary

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



26.0787, 31.3678, 26.5099



28.8084, 26.3773, 36.3752

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.



34.9087, 31.3678, 35.7763



26.0787, 31.3678, 26.5099



31.7878, 31.3678, 48.5893

Square

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



26.0787, 31.3678, 26.5099



27.0095, 31.3678, 46.5970



33.8903, 31.3678, 43.1426



32.8065, 31.3678, 24.1507

Rectangle

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



26.0787, 31.3678, 26.5099



25.3311, 31.3678, 37.4865



33.8903, 31.3678, 43.1426



34.7972, 31.3678, 31.0254

Sweetspot

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



26.0795, 31.3691, 26.5106



55.0160, 60.1692, 61.0718



30.8625, 33.8349, 26.7341



12.2905, 13.5109, 13.5841



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.0795, 31.3691, 26.5106



44.5845, 55.1584, 44.0093



27.0643, 31.7630, 31.6960



6.5508, 7.4011, 7.0690



9.7925, 19.5849, 3.2643



0.1751, 0.3502, 0.0584

Inverse Universe

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



28.8084, 26.3773, 36.3752



50.3124, 44.6806, 64.7151



27.6998, 25.9339, 30.5373



6.9042, 6.7546, 8.3465



16.2356, 7.7988, 26.5552



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 26.0787, 31.3678, 26.5099 looks on a white background.

Color Contrast Check

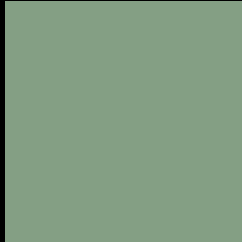
Large Text (above 18pt) WCAG AA × Fail

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 26.0787, 31.3678, 26.5099 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 26.0787, 31.3678, 26.5099

Background



This preview shows how black text looks on a background with the XYZ color 26.0787, 31.3678, 26.5099.



This preview shows how white text looks on a background with the XYZ color 26.0787, 31.3678,

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

26.0787, 31.3678, 26.5099

Protanopia

29.4601, 31.1653, 24.8849

Deuteranopia

31.6653, 31.0777, 27.2513



Tritanopia

28.9198, 31.2676, 40.5874

Trichromacy



Original Color

26.0787, 31.3678, 26.5099

Protanomaly

28.0957, 31.1802, 25.3065

Deuteranomaly

29.2743, 31.0225, 26.9993

Tritanomaly

27.8745, 31.3443, 35.1528

Monochromacy



Original Color

26.0787, 31.3678, 26.5099

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.2661, 30.1602, 29.9756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0787, 31.3678, 26.5099 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(132, 159, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 159, 132)  
}
```

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(132, 159, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 159, 132) }
```

Border

The CSS property to change the border of an element to XYZ 26.0787, 31.3678, 26.5099 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(132, 159, 132) }
```


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

```
.border{ border-color:rgb(132, 159, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 159, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 159, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 159, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 159,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0787, 31.3678, 26.5099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 159, 132) }
```

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

```
.background{ background-color: rgb(132,  
159, 132) }
```

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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